

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045451.D
 Acq On : 25 Mar 2025 19:28
 Operator : JC/MD
 Sample : VX0325WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD02

Quant Time: Mar 26 01:44:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2025
 Supervised By : Mahesh Dadoda 03/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	82133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75218	57.575	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.140%			
35) Dibromofluoromethane	5.379	113	54386	55.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.280%			
50) Toluene-d8	8.647	98	186886	52.734	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.460%			
62) 4-Bromofluorobenzene	11.079	95	68368	58.217	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 116.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	18343	17.742	ug/l	99
3) Chloromethane	1.307	50	20414	16.135	ug/l	94
4) Vinyl Chloride	1.374	62	18726	14.920	ug/l	94
5) Bromomethane	1.593	94	8840	17.916	ug/l	97
6) Chloroethane	1.666	64	11217	19.375	ug/l	90
7) Trichlorofluoromethane	1.874	101	30838	18.560	ug/l	96
8) Diethyl Ether	2.136	74	10860	16.710	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	19650	20.585	ug/l	98
10) Methyl Iodide	2.447	142	22435	18.806	ug/l	94
11) Tert butyl alcohol	2.977	59	18659	75.402	ug/l	98
12) 1,1-Dichloroethene	2.313	96	18039	17.874	ug/l	91
13) Acrolein	2.233	56	42789	149.581	ug/l	99
14) Allyl chloride	2.660	41	33238	18.502	ug/l	93
15) Acrylonitrile	3.063	53	64133	96.699	ug/l	98
16) Acetone	2.386	43	59415	98.020	ug/l	98
17) Carbon Disulfide	2.502	76	33209	12.354	ug/l	98
18) Methyl Acetate	2.703	43	38370	26.313	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	65914	19.467	ug/l	98
20) Methylene Chloride	2.788	84	22443	18.691	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	17870	17.923	ug/l	98
22) Diisopropyl ether	3.758	45	70541	19.307	ug/l #	80
23) Vinyl Acetate	3.721	43	276741	90.765	ug/l	100
24) 1,1-Dichloroethane	3.605	63	39361	19.223	ug/l	99
25) 2-Butanone	4.562	43	90438	99.120	ug/l	99
26) 2,2-Dichloropropane	4.471	77	23525	24.494	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	23710	19.263	ug/l	95
28) Bromochloromethane	4.891	49	22469	23.022	ug/l	96
29) Tetrahydrofuran	5.007	42	56044	91.466	ug/l	99
30) Chloroform	5.093	83	41480	20.388	ug/l	99
31) Cyclohexane	5.458	56	31658	17.811	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	33262	20.242	ug/l	97
36) 1,1-Dichloropropene	5.690	75	25023	18.665	ug/l	99
37) Ethyl Acetate	4.715	43	32480	18.802	ug/l	98
38) Carbon Tetrachloride	5.666	117	27155	19.952	ug/l	91
39) Methylcyclohexane	7.373	83	30037	18.699	ug/l	95
40) Benzene	6.032	78	80717	19.067	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19396	20.765	ug/l	97
42) 1,2-Dichloroethane	6.086	62	33607	22.046	ug/l	98
43) Isopropyl Acetate	6.342	43	50351	19.711	ug/l	97
44) Trichloroethene	7.123	130	18634	18.746	ug/l	91
45) 1,2-Dichloropropane	7.428	63	21082	19.369	ug/l	98
46) Dibromomethane	7.580	93	16163	21.010	ug/l	93
47) Bromodichloromethane	7.818	83	30756	20.382	ug/l	96
48) Methyl methacrylate	7.690	41	26397	20.598	ug/l	92
49) 1,4-Dioxane	7.659	88	10728	396.856	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	186592	108.790	ug/l	97
52) Toluene	8.714	92	49113	19.774	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	23634	18.734	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	28070	19.081	ug/l #	87
55) 1,1,2-Trichloroethane	9.147	97	20754	20.297	ug/l	96
56) Ethyl methacrylate	9.116	69	31578	20.317	ug/l	94
57) 1,3-Dichloropropane	9.305	76	36561	20.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	82446	108.740	ug/l	99
59) 2-Hexanone	9.427	43	132426	106.563	ug/l	98
60) Dibromochloromethane	9.519	129	21966	20.546	ug/l	100
61) 1,2-Dibromoethane	9.610	107	20556	20.138	ug/l	98
64) Tetrachloroethene	9.269	164	16710	19.970	ug/l	94
65) Chlorobenzene	10.073	112	54753	19.806	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	18007	19.559	ug/l	98
67) Ethyl Benzene	10.189	91	95195	19.762	ug/l	100
68) m/p-Xylenes	10.299	106	69373	39.341	ug/l	95
69) o-Xylene	10.640	106	35106	19.739	ug/l	98
70) Styrene	10.653	104	57562	20.003	ug/l	97
71) Bromoform	10.799	173	12820	18.466	ug/l #	99
73) Isopropylbenzene	10.957	105	92124	19.632	ug/l	98
74) N-amyl acetate	10.842	43	40547	18.415	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	34421	19.989	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28165m	20.128	ug/l	
77) Bromobenzene	11.195	156	21092	19.051	ug/l	94
78) n-propylbenzene	11.299	91	104762	19.764	ug/l	98
79) 2-Chlorotoluene	11.360	91	68411	20.265	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	76592	20.187	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	6896	16.865	ug/l #	83
82) 4-Chlorotoluene	11.451	91	73416	19.954	ug/l	99
83) tert-Butylbenzene	11.713	119	77028	19.759	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	76614	20.068	ug/l	99
85) sec-Butylbenzene	11.890	105	95949	20.547	ug/l	99
86) p-Isopropyltoluene	12.006	119	75249	19.939	ug/l	98
87) 1,3-Dichlorobenzene	11.970	146	37926	19.202	ug/l	97
88) 1,4-Dichlorobenzene	12.037	146	38184	19.109	ug/l	97
89) n-Butylbenzene	12.329	91	63771	19.620	ug/l	99
90) Hexachloroethane	12.536	117	12232	17.920	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	38930	19.649	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6606	19.692	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	20407	18.089	ug/l	100
94) Hexachlorobutadiene	13.719	225	8636	18.671	ug/l	95
95) Naphthalene	13.774	128	77745	17.936	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	21362	17.949	ug/l	98

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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Abundance

TIC: VX045451.D\data.ms

Time-->

480000

460000

440000

420000

400000

380000

360000

340000

320000

300000

280000

260000

240000

220000

200000

180000

160000

140000

120000

100000

80000

60000

40000

20000

0

2.00

3.00

4.00

5.00

6.00

7.00

8.00

9.00

10.00

11.00

12.00

13.00

14.00

15.00

16.00

Dichlorodifluoromethane, T

Chloroethylene, C

Bromomethane, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acetone, T

1,2-Dichlorobenzene, T

Methyl Acetate, T

Methylene Chloride, T

Tert butyl alcohol, T

1,1-Dichloroethane, P

Diisopropyl ether, T

Vinyl Acetate, T

2-Butanone, T

Ethyl Acetate, T

Chloroform, T

Cyclohexane, T

1,2-Dichloroethane, T

Isopropyl Acetate, T

1,4-Difluorobenzene, I

Trichloroethene, TM

1,2-Dichlorobenzene, T

1,4-Dioxane, T

Methyl Acetate, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, I

2-Chloroethyl Vinyl ether, T

4-Methyl-2-Pentanol, T

4-Methyl-2-Pentanol, T

2-Hexanone, T

1,1,1,2-Tetrachloroethane, T

1,1,2-Trichloroethane, T

Chlorobenzene, d5, I

m/p-Xylenes, T

4-Bromofluorobenzene, S

Styrene, T

N-amyl acetate, T

trans-1,4-Dichloro-2-butene, T

Isopropylbenzene, T

1,2,3-Trichlorobenzene, T

2-Chlorobenzene, T

tert-Butylbenzene, T

1,2,4-Trimethylbenzene, T

1,2,4-Trimethylbenzene, T

1,3-Dichlorobenzene, T

1,2-Dichlorobenzene, T

1,2-Dichlorobenzene, T

Hexachloroethane, T

1,2-Dibromo-3-Chloropropane, T

1,2,4-Trichlorobenzene, T

Hexachlorocyclopentadiene, Naphthalene, T

1,2,3-Trichlorobenzene, T