

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045135.D
 Acq On : 05 Mar 2025 12:26
 Operator : JC/MD
 Sample : VX0305WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Quant Time: Mar 06 01:03:07 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 03/06/2025
 Supervised By : Mahesh Dadoda 03/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	104383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	188951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	167692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81831	49.285	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.560%			
35) Dibromofluoromethane	5.379	113	63872	50.553	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.100%			
50) Toluene-d8	8.647	98	233974	51.080	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.160%			
62) 4-Bromofluorobenzene	11.079	95	77651	51.159	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25554	19.448	ug/l	97
3) Chloromethane	1.307	50	30784	19.145	ug/l	97
4) Vinyl Chloride	1.374	62	28793	18.050	ug/l	98
5) Bromomethane	1.593	94	11190	17.845	ug/l	99
6) Chloroethane	1.660	64	11751	15.971	ug/l	94
7) Trichlorofluoromethane	1.867	101	39358	18.638	ug/l	97
8) Diethyl Ether	2.136	74	14681	17.775	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	24600	20.277	ug/l	97
10) Methyl Iodide	2.441	142	29395	19.388	ug/l	99
11) Tert butyl alcohol	2.995	59	25231	80.226	ug/l	99
12) 1,1-Dichloroethene	2.306	96	24479	19.085	ug/l	99
13) Acrolein	2.239	56	35220	96.877	ug/l	98
14) Allyl chloride	2.654	41	44437	19.463	ug/l	100
15) Acrylonitrile	3.068	53	83639	99.228	ug/l	100
16) Acetone	2.392	43	71451	92.750	ug/l	98
17) Carbon Disulfide	2.502	76	54326	15.902	ug/l	99
18) Methyl Acetate	2.703	43	38148	20.585	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	83186	19.331	ug/l	100
20) Methylene Chloride	2.782	84	29184	19.125	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	25202	19.888	ug/l	95
22) Diisopropyl ether	3.763	45	92306	19.879	ug/l	94
23) Vinyl Acetate	3.721	43	369150	95.265	ug/l	99
24) 1,1-Dichloroethane	3.605	63	50888	19.555	ug/l	99
25) 2-Butanone	4.568	43	116702	100.642	ug/l	99
26) 2,2-Dichloropropane	4.471	77	31179	25.544	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	30742	19.653	ug/l	98
28) Bromochloromethane	4.897	49	27571	22.228	ug/l	100
29) Tetrahydrofuran	5.013	42	77400	99.394	ug/l	99
30) Chloroform	5.086	83	49949	19.317	ug/l	96
31) Cyclohexane	5.458	56	44911	19.881	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	39605	18.965	ug/l	100
36) 1,1-Dichloropropene	5.690	75	32570	18.797	ug/l	99
37) Ethyl Acetate	4.715	43	43509	19.487	ug/l	97
38) Carbon Tetrachloride	5.666	117	31758	18.053	ug/l	96
39) Methylcyclohexane	7.373	83	43836	21.114	ug/l	97
40) Benzene	6.031	78	108204	19.776	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	23219	19.233	ug/l	94
42) 1,2-Dichloroethane	6.086	62	38564	19.573	ug/l	98
43) Isopropyl Acetate	6.342	43	63481	19.228	ug/l	100
44) Trichloroethene	7.123	130	23788	18.515	ug/l	98
45) 1,2-Dichloropropane	7.427	63	27303	19.408	ug/l	100
46) Dibromomethane	7.580	93	19632	19.744	ug/l	99
47) Bromodichloromethane	7.818	83	36222	18.572	ug/l	100
48) Methyl methacrylate	7.696	41	31784	19.189	ug/l	98
49) 1,4-Dioxane	7.671	88	14405	412.289	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	223880	100.992	ug/l	100
52) Toluene	8.714	92	66524	20.722	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	30810	18.896	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	37343	19.640	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	26275	19.881	ug/l	99
56) Ethyl methacrylate	9.116	69	38988	19.408	ug/l	99
57) 1,3-Dichloropropane	9.305	76	45852	20.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	93444	95.356	ug/l	97
59) 2-Hexanone	9.433	43	163225	101.624	ug/l	100
60) Dibromochloromethane	9.519	129	25594	18.522	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25105	19.029	ug/l	99
64) Tetrachloroethene	9.269	164	21212	19.750	ug/l	91
65) Chlorobenzene	10.079	112	69220	19.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21254	17.986	ug/l	99
67) Ethyl Benzene	10.195	91	123682	20.004	ug/l	99
68) m/p-Xylenes	10.299	106	94216	41.627	ug/l	98
69) o-Xylene	10.640	106	45390	19.884	ug/l	100
70) Styrene	10.652	104	74263	20.106	ug/l	99
71) Bromoform	10.799	173	15338	17.213	ug/l #	98
73) Isopropylbenzene	10.963	105	116043	20.206	ug/l	100
74) N-amyl acetate	10.841	43	50887	18.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	41049	19.478	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	35831m	20.923	ug/l	
77) Bromobenzene	11.195	156	27194	20.069	ug/l	97
78) n-propylbenzene	11.305	91	132188	20.376	ug/l	100
79) 2-Chlorotoluene	11.366	91	81676	19.769	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	96161	20.708	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8063	16.113	ug/l #	82
82) 4-Chlorotoluene	11.451	91	90278	20.049	ug/l	99
83) tert-Butylbenzene	11.713	119	93664	19.631	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	95237	20.383	ug/l	99
85) sec-Butylbenzene	11.890	105	117932	20.635	ug/l	99
86) p-Isopropyltoluene	12.006	119	96010	20.787	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	48977	20.262	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	48188	19.705	ug/l	97
89) n-Butylbenzene	12.329	91	82412	20.717	ug/l	100
90) Hexachloroethane	12.536	117	13810	16.531	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	49011	20.212	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7544	18.375	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	27569	19.967	ug/l	99
94) Hexachlorobutadiene	13.725	225	11329	20.014	ug/l	96
95) Naphthalene	13.774	128	108208	20.398	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29345	20.147	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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