

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045639.D
 Acq On : 08 Apr 2025 10:08
 Operator : JC/MD
 Sample : VX0408WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/09/2025
 Supervised By : Mahesh Dadoda 04/09/2025

Quant Time: Apr 09 01:33:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	81435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71765	48.189	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.380%		
35) Dibromofluoromethane	5.379	113	47663	47.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.400%		
50) Toluene-d8	8.641	98	166388	47.708	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.420%		
62) 4-Bromofluorobenzene	11.079	95	63046	49.628	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24197	19.868	ug/l	99
3) Chloromethane	1.300	50	22755	18.187	ug/l	98
4) Vinyl Chloride	1.374	62	20130	17.581	ug/l	97
5) Bromomethane	1.593	94	9715	17.894	ug/l	96
6) Chloroethane	1.672	64	11621	19.130	ug/l	96
7) Trichlorofluoromethane	1.873	101	32417	18.986	ug/l	99
8) Diethyl Ether	2.130	74	10726	18.711	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	19634	19.624	ug/l	96
10) Methyl Iodide	2.447	142	22218	17.804	ug/l	98
11) Tert butyl alcohol	2.965	59	19902	99.440	ug/l	100
12) 1,1-Dichloroethene	2.312	96	17655	18.059	ug/l	98
13) Acrolein	2.233	56	29070	105.476	ug/l	99
14) Allyl chloride	2.660	41	34925	18.828	ug/l	98
15) Acrylonitrile	3.062	53	61424	97.225	ug/l	99
16) Acetone	2.380	43	59344	97.043	ug/l	97
17) Carbon Disulfide	2.501	76	40083	16.600	ug/l	100
18) Methyl Acetate	2.703	43	29992	21.302	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	64755	18.935	ug/l	99
20) Methylene Chloride	2.782	84	21126	18.453	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	17987	18.009	ug/l	96
22) Diisopropyl ether	3.757	45	67549	18.487	ug/l #	84
23) Vinyl Acetate	3.715	43	300705	95.251	ug/l	99
24) 1,1-Dichloroethane	3.605	63	38247	18.509	ug/l	97
25) 2-Butanone	4.556	43	87606	97.868	ug/l	99
26) 2,2-Dichloropropane	4.471	77	27853	20.862	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	22141	18.196	ug/l	96
28) Bromochloromethane	4.891	49	19583	19.610	ug/l	98
29) Tetrahydrofuran	5.007	42	55490	95.615	ug/l	100
30) Chloroform	5.086	83	40285	18.946	ug/l	94
31) Cyclohexane	5.464	56	33292	18.224	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	32862	18.265	ug/l	98
36) 1,1-Dichloropropene	5.690	75	25243	18.711	ug/l	98
37) Ethyl Acetate	4.708	43	32466	19.096	ug/l	99
38) Carbon Tetrachloride	5.665	117	28449	19.511	ug/l	97
39) Methylcyclohexane	7.372	83	31923	19.303	ug/l	98
40) Benzene	6.031	78	78305	19.004	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18472	20.592	ug/l	98
42) 1,2-Dichloroethane	6.080	62	34412	20.221	ug/l	100
43) Isopropyl Acetate	6.336	43	50281	19.513	ug/l	100
44) Trichloroethene	7.116	130	18204	18.588	ug/l	96
45) 1,2-Dichloropropane	7.427	63	19592	19.057	ug/l	96
46) Dibromomethane	7.580	93	15576	19.737	ug/l	100
47) Bromodichloromethane	7.818	83	31240	19.822	ug/l	94
48) Methyl methacrylate	7.690	41	25731	19.340	ug/l	99
49) 1,4-Dioxane	7.659	88	10279	427.015	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	177718	104.036	ug/l	99
52) Toluene	8.714	92	47501	19.052	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	25046	18.058	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	29588	19.978	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	19608	19.736	ug/l	99
56) Ethyl methacrylate	9.116	69	29788	19.373	ug/l	98
57) 1,3-Dichloropropane	9.305	76	34749	20.085	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	69213	88.983	ug/l	100
59) 2-Hexanone	9.427	43	131955	104.313	ug/l	99
60) Dibromochloromethane	9.518	129	21426	19.782	ug/l	100
61) 1,2-Dibromoethane	9.604	107	20300	20.184	ug/l	99
64) Tetrachloroethene	9.268	164	16439	18.328	ug/l	97
65) Chlorobenzene	10.073	112	51112	18.828	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	17578	18.651	ug/l	100
67) Ethyl Benzene	10.189	91	90492	18.612	ug/l	100
68) m/p-Xylenes	10.299	106	66506	37.609	ug/l	96
69) o-Xylene	10.640	106	33206	19.062	ug/l	98
70) Styrene	10.652	104	55541	19.318	ug/l	99
71) Bromoform	10.799	173	13518	19.209	ug/l #	97
73) Isopropylbenzene	10.957	105	88110	18.374	ug/l	99
74) N-amyl acetate	10.841	43	41920	18.275	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	31935	18.958	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	27398m	18.763	ug/l	
77) Bromobenzene	11.195	156	20769	18.745	ug/l	97
78) n-propylbenzene	11.299	91	101268	18.335	ug/l	100
79) 2-Chlorotoluene	11.360	91	65588	18.575	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	75087	18.936	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7865	18.280	ug/l	99
82) 4-Chlorotoluene	11.451	91	72539	18.425	ug/l	97
83) tert-Butylbenzene	11.713	119	73526	18.729	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	75977	19.090	ug/l	99
85) sec-Butylbenzene	11.890	105	92802	19.247	ug/l	100
86) p-Isopropyltoluene	12.006	119	74468	18.733	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	37322	18.505	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	36814	18.005	ug/l	94
89) n-Butylbenzene	12.329	91	63899	18.537	ug/l	99
90) Hexachloroethane	12.536	117	12967	18.981	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	38349	19.125	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6808	19.325	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	20197	18.096	ug/l	97
94) Hexachlorobutadiene	13.725	225	9208	19.145	ug/l	98
95) Naphthalene	13.774	128	75849	18.261	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	20892	17.876	ug/l	99

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

