

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045538.D
 Acq On : 02 Apr 2025 11:44
 Operator : JC/MD
 Sample : VX0402WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2025
 Supervised By : Mahesh Dadoda 04/03/2025

Quant Time: Apr 03 01:48:07 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	93800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85730	49.978	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.960%		
35) Dibromofluoromethane	5.379	113	57850	49.876	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.760%		
50) Toluene-d8	8.647	98	202885	50.114	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.220%		
62) 4-Bromofluorobenzene	11.079	95	74958	50.831	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28237	20.129	ug/l	97
3) Chloromethane	1.307	50	26820	18.610	ug/l	99
4) Vinyl Chloride	1.374	62	24088	18.264	ug/l	99
5) Bromomethane	1.593	94	10937	17.490	ug/l	100
6) Chloroethane	1.666	64	13544	19.356	ug/l	98
7) Trichlorofluoromethane	1.873	101	37016	18.822	ug/l	95
8) Diethyl Ether	2.136	74	12134	18.377	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	22759	19.749	ug/l	96
10) Methyl Iodide	2.440	142	25733	17.902	ug/l	99
11) Tert butyl alcohol	2.977	59	23194	100.611	ug/l	99
12) 1,1-Dichloroethene	2.306	96	20667	18.353	ug/l	99
13) Acrolein	2.233	56	32852	103.485	ug/l	99
14) Allyl chloride	2.654	41	40356	18.888	ug/l	99
15) Acrylonitrile	3.062	53	71661	98.476	ug/l	100
16) Acetone	2.380	43	68206	96.832	ug/l	99
17) Carbon Disulfide	2.501	76	51286	18.440	ug/l	98
18) Methyl Acetate	2.703	43	31604	19.488	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	75422	19.147	ug/l	100
20) Methylene Chloride	2.782	84	24807	18.812	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	21165	18.398	ug/l	99
22) Diisopropyl ether	3.763	45	79017	18.774	ug/l	98
23) Vinyl Acetate	3.721	43	357094	98.202	ug/l	99
24) 1,1-Dichloroethane	3.605	63	43351	18.213	ug/l	99
25) 2-Butanone	4.556	43	103578	100.458	ug/l	98
26) 2,2-Dichloropropane	4.464	77	30350	19.735	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	25473	18.174	ug/l	97
28) Bromochloromethane	4.885	49	22022	19.146	ug/l	98
29) Tetrahydrofuran	5.001	42	66414	99.352	ug/l	99
30) Chloroform	5.086	83	46260	18.888	ug/l	96
31) Cyclohexane	5.458	56	39024	18.546	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	38708	18.678	ug/l	98
36) 1,1-Dichloropropene	5.684	75	28644	18.290	ug/l	99
37) Ethyl Acetate	4.714	43	37414	18.958	ug/l	98
38) Carbon Tetrachloride	5.665	117	31939	18.871	ug/l	97
39) Methylcyclohexane	7.379	83	38282	19.942	ug/l	97
40) Benzene	6.031	78	90807	18.986	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21150	20.311	ug/l	98
42) 1,2-Dichloroethane	6.080	62	38844	19.663	ug/l	99
43) Isopropyl Acetate	6.336	43	59822	19.999	ug/l	99
44) Trichloroethene	7.123	130	21235	18.679	ug/l	91
45) 1,2-Dichloropropane	7.421	63	22900	19.189	ug/l	95
46) Dibromomethane	7.580	93	17742	19.367	ug/l	96
47) Bromodichloromethane	7.818	83	35019	19.141	ug/l	98
48) Methyl methacrylate	7.690	41	30328	19.637	ug/l	98
49) 1,4-Dioxane	7.659	88	12427	444.734	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	208922	105.361	ug/l	99
52) Toluene	8.714	92	54303	18.763	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	29413	18.242	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	34155	19.867	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	22669	19.656	ug/l	97
56) Ethyl methacrylate	9.116	69	35872	20.098	ug/l	99
57) 1,3-Dichloropropane	9.305	76	39713	19.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	95458	105.724	ug/l	99
59) 2-Hexanone	9.427	43	154672	105.333	ug/l	100
60) Dibromochloromethane	9.518	129	25325	20.142	ug/l	95
61) 1,2-Dibromoethane	9.610	107	22924	19.636	ug/l	99
64) Tetrachloroethene	9.268	164	19167	19.015	ug/l	91
65) Chlorobenzene	10.079	112	59090	19.369	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	20588	19.438	ug/l	97
67) Ethyl Benzene	10.189	91	107012	19.586	ug/l	96
68) m/p-Xylenes	10.299	106	78342	39.423	ug/l	99
69) o-Xylene	10.640	106	38430	19.631	ug/l	97
70) Styrene	10.652	104	63808	19.748	ug/l	100
71) Bromoform	10.799	173	15687	19.836	ug/l #	97
73) Isopropylbenzene	10.957	105	101744	19.166	ug/l	100
74) N-amyl acetate	10.841	43	49916	19.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36579	19.615	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31588m	19.540	ug/l	
77) Bromobenzene	11.195	156	23119	18.848	ug/l	99
78) n-propylbenzene	11.305	91	117276	19.179	ug/l	100
79) 2-Chlorotoluene	11.360	91	74347	19.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	86019	19.595	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9156	19.222	ug/l	96
82) 4-Chlorotoluene	11.451	91	82413	18.909	ug/l	98
83) tert-Butylbenzene	11.713	119	85024	19.563	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	85641	19.437	ug/l	99
85) sec-Butylbenzene	11.890	105	105051	19.680	ug/l	100
86) p-Isopropyltoluene	12.006	119	85554	19.440	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	42452	19.013	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	42495	18.773	ug/l	98
89) n-Butylbenzene	12.329	91	75804	19.864	ug/l	98
90) Hexachloroethane	12.536	117	14245	18.835	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	42474	19.134	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7810	20.025	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	23455	18.982	ug/l	99
94) Hexachlorobutadiene	13.725	225	9904	18.601	ug/l	95
95) Naphthalene	13.774	128	88498	19.246	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24776	19.149	ug/l	98

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

