

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
 Data File : VX045976.D
 Acq On : 29 Apr 2025 12:49
 Operator : JC/MD
 Sample : VX0429WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/30/2025
 Supervised By : Semsettin Yesilyurt 04/30/2025

Quant Time: Apr 30 01:37:06 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	77095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	76515	54.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.540%			
35) Dibromofluoromethane	5.379	113	52478	54.757	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.520%			
50) Toluene-d8	8.647	98	172943	51.700	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.400%			
62) 4-Bromofluorobenzene	11.079	95	67496	55.394	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19940	17.295	ug/l	98
3) Chloromethane	1.307	50	19464	16.433	ug/l	97
4) Vinyl Chloride	1.374	62	18281	16.865	ug/l	97
5) Bromomethane	1.593	94	8917	17.349	ug/l	97
6) Chloroethane	1.672	64	10885	18.927	ug/l	98
7) Trichlorofluoromethane	1.880	101	31444	19.453	ug/l	99
8) Diethyl Ether	2.130	74	11373	20.957	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	20162	21.286	ug/l	96
10) Methyl Iodide	2.447	142	21226	17.966	ug/l	95
11) Tert butyl alcohol	2.965	59	21757	114.828	ug/l	100
12) 1,1-Dichloroethene	2.313	96	17753	19.182	ug/l	97
13) Acrolein	2.233	56	29845	114.384	ug/l	99
14) Allyl chloride	2.660	41	34613	19.710	ug/l	100
15) Acrylonitrile	3.062	53	63530	106.219	ug/l	99
16) Acetone	2.380	43	59734	103.180	ug/l	98
17) Carbon Disulfide	2.508	76	30724	13.441	ug/l	98
18) Methyl Acetate	2.703	43	39952	29.973	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	70922	21.905	ug/l	100
20) Methylene Chloride	2.782	84	22066	20.359	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	17617	18.632	ug/l	95
22) Diisopropyl ether	3.757	45	74574	21.558	ug/l	94
23) Vinyl Acetate	3.715	43	306061	102.405	ug/l	99
24) 1,1-Dichloroethane	3.599	63	39043	19.957	ug/l	99
25) 2-Butanone	4.556	43	92556	109.219	ug/l	98
26) 2,2-Dichloropropane	4.465	77	29266	23.154	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	23658	20.537	ug/l	97
28) Bromochloromethane	4.891	49	21694	22.947	ug/l	96
29) Tetrahydrofuran	5.007	42	57573	104.788	ug/l	99
30) Chloroform	5.086	83	43275	21.498	ug/l	97
31) Cyclohexane	5.458	56	31835	18.407	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	35637	20.922	ug/l	99
36) 1,1-Dichloropropene	5.684	75	25072	19.375	ug/l	100
37) Ethyl Acetate	4.708	43	32920	20.187	ug/l	99
38) Carbon Tetrachloride	5.672	117	29700	21.237	ug/l	92
39) Methylcyclohexane	7.373	83	31598	19.921	ug/l	99
40) Benzene	6.031	78	78335	19.821	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19612	22.794	ug/l	98
42) 1,2-Dichloroethane	6.080	62	36209	22.183	ug/l	100
43) Isopropyl Acetate	6.336	43	54185	21.923	ug/l	99
44) Trichloroethene	7.123	130	18371	19.557	ug/l	96
45) 1,2-Dichloropropane	7.421	63	21416	21.719	ug/l	100
46) Dibromomethane	7.580	93	16618	21.954	ug/l	99
47) Bromodichloromethane	7.818	83	32301	21.368	ug/l	97
48) Methyl methacrylate	7.690	41	27818	21.799	ug/l	100
49) 1,4-Dioxane	7.659	88	10150	439.614	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	187368	114.356	ug/l	98
52) Toluene	8.714	92	48009	20.076	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	27378	20.260	ug/l	93
54) cis-1,3-Dichloropropene	8.360	75	30230	21.280	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	20571	21.587	ug/l	96
56) Ethyl methacrylate	9.116	69	32392	21.964	ug/l	98
57) 1,3-Dichloropropane	9.305	76	36964	22.275	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	85871	115.101	ug/l	99
59) 2-Hexanone	9.427	43	137555	113.371	ug/l	98
60) Dibromochloromethane	9.519	129	22935	22.077	ug/l	96
61) 1,2-Dibromoethane	9.604	107	21310	22.091	ug/l	99
64) Tetrachloroethene	9.269	164	16478	19.715	ug/l	96
65) Chlorobenzene	10.073	112	54296	21.464	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	19338	22.019	ug/l	100
67) Ethyl Benzene	10.189	91	96091	21.209	ug/l	97
68) m/p-Xylenes	10.299	106	70144	42.567	ug/l	100
69) o-Xylene	10.640	106	34876	21.485	ug/l	100
70) Styrene	10.653	104	58240	21.738	ug/l	99
71) Bromoform	10.799	173	13887	21.177	ug/l #	96
73) Isopropylbenzene	10.957	105	91610	19.901	ug/l	99
74) N-amyl acetate	10.842	43	45116	20.488	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	34033	21.045	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29260m	20.873	ug/l	
77) Bromobenzene	11.195	156	20879	19.630	ug/l	96
78) n-propylbenzene	11.299	91	106699	20.123	ug/l	99
79) 2-Chlorotoluene	11.360	91	66357	19.576	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	79294	20.831	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7415	17.952	ug/l	93
82) 4-Chlorotoluene	11.451	91	77140	20.411	ug/l	99
83) tert-Butylbenzene	11.713	119	78461	20.819	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	78597	20.572	ug/l	99
85) sec-Butylbenzene	11.890	105	98401	21.258	ug/l	99
86) p-Isopropyltoluene	12.006	119	79322	20.786	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	39159	20.225	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	39249	19.996	ug/l	96
89) n-Butylbenzene	12.329	91	66533	20.105	ug/l	100
90) Hexachloroethane	12.536	117	13828	21.084	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	40899	21.247	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7537	22.286	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	22349	20.858	ug/l	98
94) Hexachlorobutadiene	13.719	225	9997	21.652	ug/l	96
95) Naphthalene	13.774	128	82571	20.708	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	22765	20.290	ug/l	99

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

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