

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045316.D
 Acq On : 18 Mar 2025 11:43
 Operator : JC/MD
 Sample : VX0318WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 01:41:11 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	94187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81345	54.296	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.600%			
35) Dibromofluoromethane	5.379	113	59251	52.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.940%			
50) Toluene-d8	8.647	98	208939	51.033	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.060%			
62) 4-Bromofluorobenzene	11.079	95	73800	54.397	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22132	18.667	ug/l	98
3) Chloromethane	1.307	50	24334	16.772	ug/l	98
4) Vinyl Chloride	1.368	62	22741	15.800	ug/l	97
5) Bromomethane	1.593	94	10409	18.396	ug/l	91
6) Chloroethane	1.666	64	13145	19.800	ug/l	99
7) Trichlorofluoromethane	1.874	101	34041	17.866	ug/l	98
8) Diethyl Ether	2.130	74	12697	17.037	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	23216	21.208	ug/l	99
10) Methyl Iodide	2.441	142	25842	18.890	ug/l	97
11) Tert butyl alcohol	2.977	59	25328	89.252	ug/l	100
12) 1,1-Dichloroethene	2.306	96	21337	18.436	ug/l	99
13) Acrolein	2.233	56	17483	53.295	ug/l	99
14) Allyl chloride	2.654	41	41829	20.304	ug/l	98
15) Acrylonitrile	3.062	53	78894	103.731	ug/l	99
16) Acetone	2.386	43	70913	102.017	ug/l	99
17) Carbon Disulfide	2.502	76	45656	14.811	ug/l	97
18) Methyl Acetate	2.703	43	42913	25.662	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	79562	20.490	ug/l	98
20) Methylene Chloride	2.782	84	26357	19.142	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	21084	18.440	ug/l	95
22) Diisopropyl ether	3.764	45	85197	20.334	ug/l	93
23) Vinyl Acetate	3.715	43	351902	100.645	ug/l	98
24) 1,1-Dichloroethane	3.605	63	46155	19.656	ug/l	98
25) 2-Butanone	4.556	43	111349	106.420	ug/l	97
26) 2,2-Dichloropropane	4.465	77	30901	28.056	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	27512	19.492	ug/l	94
28) Bromochloromethane	4.885	49	25092	22.419	ug/l	99
29) Tetrahydrofuran	5.007	42	71884	102.304	ug/l	99
30) Chloroform	5.086	83	46961	20.128	ug/l	100
31) Cyclohexane	5.464	56	38035	18.660	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	37299	19.794	ug/l	98
36) 1,1-Dichloropropene	5.684	75	29283	18.907	ug/l	99
37) Ethyl Acetate	4.715	43	40485	20.286	ug/l	99
38) Carbon Tetrachloride	5.666	117	31045	19.744	ug/l	97
39) Methylcyclohexane	7.373	83	38119	20.541	ug/l	97
40) Benzene	6.031	78	96177	19.666	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22596	20.940	ug/l	94
42) 1,2-Dichloroethane	6.080	62	38026	21.592	ug/l	98
43) Isopropyl Acetate	6.336	43	62490	21.176	ug/l	99
44) Trichloroethene	7.123	130	21822	19.003	ug/l	94
45) 1,2-Dichloropropane	7.427	63	25816	20.531	ug/l	94
46) Dibromomethane	7.574	93	18760	21.108	ug/l	97
47) Bromodichloromethane	7.818	83	35623	20.434	ug/l	97
48) Methyl methacrylate	7.690	41	31848	21.512	ug/l	96
49) 1,4-Dioxane	7.659	88	11556	370.034	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	222705	112.395	ug/l	99
52) Toluene	8.714	92	58577	20.414	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	29819	20.460	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	36677	21.582	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	25123	21.268	ug/l	97
56) Ethyl methacrylate	9.116	69	39272	21.871	ug/l	96
57) 1,3-Dichloropropane	9.305	76	43040	21.054	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	86100	98.298	ug/l	99
59) 2-Hexanone	9.427	43	159687	111.230	ug/l	99
60) Dibromochloromethane	9.519	129	26487	21.445	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25153	21.330	ug/l	98
64) Tetrachloroethene	9.275	164	18822	19.569	ug/l	95
65) Chlorobenzene	10.079	112	63629	20.023	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21107	19.945	ug/l	97
67) Ethyl Benzene	10.189	91	112021	20.231	ug/l	100
68) m/p-Xylenes	10.299	106	83669	41.277	ug/l	99
69) o-Xylene	10.640	106	41442	20.271	ug/l	99
70) Styrene	10.653	104	70171	21.213	ug/l	99
71) Bromoform	10.799	173	16250	20.363	ug/l #	99
73) Isopropylbenzene	10.957	105	108230	20.748	ug/l	98
74) N-amyl acetate	10.842	43	51327	20.969	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	39864	20.825	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32413m	20.837	ug/l	
77) Bromobenzene	11.195	156	25277	20.537	ug/l	98
78) n-propylbenzene	11.299	91	125607	21.316	ug/l	98
79) 2-Chlorotoluene	11.360	91	77573	20.671	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	89825	21.296	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	9250	20.350	ug/l	88
82) 4-Chlorotoluene	11.451	91	86122	21.056	ug/l	100
83) tert-Butylbenzene	11.713	119	88195	20.351	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	90117	21.234	ug/l	100
85) sec-Butylbenzene	11.890	105	111586	21.495	ug/l	99
86) p-Isopropyltoluene	12.006	119	90468	21.564	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	45671	20.801	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	45020	20.267	ug/l	97
89) n-Butylbenzene	12.329	91	78785	21.804	ug/l	99
90) Hexachloroethane	12.536	117	14375	18.944	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	46115	20.937	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7852	21.055	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	25188	20.084	ug/l	99
94) Hexachlorobutadiene	13.725	225	11003	21.399	ug/l	98
95) Naphthalene	13.774	128	98470	20.436	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	26632	20.129	ug/l	99

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

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