

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044715.D
 Acq On : 27 Jan 2025 11:52
 Operator : JC/MD
 Sample : VX0127WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2025
 Supervised By : Mahesh Dadoda 01/28/2025

Quant Time: Jan 28 04:09:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	181106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	329948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	287428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	125692	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	115109	42.108	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.220%
35) Dibromofluoromethane	5.379	113	94586	45.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.240%
50) Toluene-d8	8.646	98	351325	48.069	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.140%
62) 4-Bromofluorobenzene	11.079	95	127855	46.926	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.860%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	42531	17.452	ug/l	97
3) Chloromethane	1.300	50	50371	19.113	ug/l	98
4) Vinyl Chloride	1.373	62	46045	17.683	ug/l	97
5) Bromomethane	1.593	94	12365	19.887	ug/l	98
6) Chloroethane	1.666	64	19570	40.984	ug/l	92
7) Trichlorofluoromethane	1.873	101	50717	17.623	ug/l	97
8) Diethyl Ether	2.129	74	15983	13.762	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.318	101	41192	19.041	ug/l	99
10) Methyl Iodide	2.446	142	51850	17.555	ug/l	98
11) Tert butyl alcohol	2.971	59	52572	86.265	ug/l #	84
12) 1,1-Dichloroethene	2.312	96	40671	19.179	ug/l	98
13) Acrolein	2.233	56	19607	68.368	ug/l	100
14) Allyl chloride	2.654	41	75257	18.227	ug/l	96
15) Acrylonitrile	3.056	53	118706	99.311	ug/l	99
16) Acetone	2.379	43	94951	87.792	ug/l	95
17) Carbon Disulfide	2.501	76	111388	19.250	ug/l	99
18) Methyl Acetate	2.696	43	66037	19.791	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	138618	18.047	ug/l	97
20) Methylene Chloride	2.782	84	45743	18.162	ug/l	97
21) trans-1,2-Dichloroethene	3.086	96	40658	18.364	ug/l	98
22) Diisopropyl ether	3.757	45	141633	19.734	ug/l	97
23) Vinyl Acetate	3.714	43	602846	95.967	ug/l	99
24) 1,1-Dichloroethane	3.599	63	78982	18.558	ug/l	100
25) 2-Butanone	4.550	43	157607	98.011	ug/l	99
26) 2,2-Dichloropropane	4.464	77	67624	16.394	ug/l	95
27) cis-1,2-Dichloroethene	4.476	96	50234	18.038	ug/l	98
28) Bromochloromethane	4.891	49	39174	19.697	ug/l	95
29) Tetrahydrofuran	5.001	42	102301	98.627	ug/l	98
30) Chloroform	5.080	83	77159	17.964	ug/l	97
31) Cyclohexane	5.464	56	71276	20.706	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	65982	16.710	ug/l	99
36) 1,1-Dichloropropene	5.684	75	53609	18.373	ug/l	99
37) Ethyl Acetate	4.708	43	61115	19.668	ug/l	97
38) Carbon Tetrachloride	5.665	117	56337	17.165	ug/l	98
39) Methylcyclohexane	7.372	83	75204	19.415	ug/l	97
40) Benzene	6.031	78	173290	19.166	ug/l	98

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41) Methacrylonitrile	4.915	41	34872	19.259	ug/l	98
42) 1,2-Dichloroethane	6.080	62	57405	17.395	ug/l	99
43) Isopropyl Acetate	6.336	43	107342	18.779	ug/l	99
44) Trichloroethene	7.122	130	40128	18.461	ug/l	95
45) 1,2-Dichloropropane	7.427	63	43371	19.056	ug/l	96
46) Dibromomethane	7.573	93	30193	17.427	ug/l	99
47) Bromodichloromethane	7.817	83	61842	17.405	ug/l	96
48) Methyl methacrylate	7.689	41	50212	18.924	ug/l	99
49) 1,4-Dioxane	7.659	88	20996	379.274	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	319737	101.217	ug/l	98
52) Toluene	8.713	92	106487	19.242	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	65922	17.958	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	73264	18.406	ug/l	96
55) 1,1,2-Trichloroethane	9.146	97	42407	18.940	ug/l	94
56) Ethyl methacrylate	9.116	69	73137	18.998	ug/l	98
57) 1,3-Dichloropropane	9.305	76	73209	19.201	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	157160	83.152	ug/l	98
59) 2-Hexanone	9.427	43	231694	99.695	ug/l	99
60) Dibromochloromethane	9.518	129	47950	18.246	ug/l	100
61) 1,2-Dibromoethane	9.604	107	44437	18.938	ug/l	98
64) Tetrachloroethene	9.268	164	33701	18.672	ug/l	99
65) Chlorobenzene	10.073	112	114176	18.702	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	39214	17.674	ug/l	98
67) Ethyl Benzene	10.189	91	199900	18.765	ug/l	98
68) m/p-Xylenes	10.299	106	150751	38.135	ug/l	98
69) o-Xylene	10.640	106	75639	18.921	ug/l	99
70) Styrene	10.652	104	126504	19.600	ug/l	97
71) Bromoform	10.799	173	32141	17.798	ug/l #	98
73) Isopropylbenzene	10.957	105	189275	18.433	ug/l	99
74) N-amyl acetate	10.841	43	89318	17.648	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	64877	18.294	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	54022m	17.710	ug/l	
77) Bromobenzene	11.195	156	44492	18.538	ug/l	94
78) n-propylbenzene	11.298	91	217748	19.229	ug/l	100
79) 2-Chlorotoluene	11.359	91	134830	18.432	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	158844	19.003	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23711	17.776	ug/l	94
82) 4-Chlorotoluene	11.451	91	150487	18.780	ug/l	98
83) tert-Butylbenzene	11.713	119	160244	18.334	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	158646	18.677	ug/l	100
85) sec-Butylbenzene	11.890	105	196136	19.273	ug/l	99
86) p-Isopropyltoluene	12.006	119	159144	19.029	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	78221	18.793	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	78858	18.742	ug/l	99
89) n-Butylbenzene	12.329	91	142284	19.808	ug/l	99
90) Hexachloroethane	12.536	117	33238	17.551	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	79447	18.586	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	12965	14.949	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	48749	19.078	ug/l	97
94) Hexachlorobutadiene	13.725	225	18012	17.945	ug/l	98
95) Naphthalene	13.774	128	182044	18.471	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	48973	18.489	ug/l	99

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

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