

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
 Data File : VX045914.D
 Acq On : 24 Apr 2025 10:01
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 25 02:24:59 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

04/25/2025
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	91078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	151769	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63645	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	80392	48.267	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.540%
35) Dibromofluoromethane	5.379	113	56520	52.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.980%
50) Toluene-d8	8.640	98	186408	49.597	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	73410	53.622	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.240%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	65911	48.390	ug/l	99
3) Chloromethane	1.300	50	65953	47.133	ug/l	98
4) Vinyl Chloride	1.373	62	60751	47.440	ug/l	98
5) Bromomethane	1.593	94	29191	48.075	ug/l	99
6) Chloroethane	1.666	64	35313	51.975	ug/l	98
7) Trichlorofluoromethane	1.873	101	102271	53.556	ug/l	99
8) Diethyl Ether	2.129	74	32149	50.146	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.318	101	61080	54.585	ug/l	98
10) Methyl Iodide	2.446	142	73362	52.562	ug/l	98
11) Tert butyl alcohol	2.971	59	53485	238.942	ug/l	98
12) 1,1-Dichloroethene	2.312	96	55802	51.036	ug/l	95
13) Acrolein	2.233	56	59520	193.093	ug/l	99
14) Allyl chloride	2.660	41	108575	52.336	ug/l	99
15) Acrylonitrile	3.056	53	173743	245.892	ug/l	100
16) Acetone	2.379	43	163538	239.114	ug/l	98
17) Carbon Disulfide	2.501	76	124421	46.073	ug/l	100
18) Methyl Acetate	2.703	43	87045	55.278	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	198816	51.980	ug/l	98
20) Methylene Chloride	2.782	84	63546	49.629	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	56197	50.309	ug/l	98
22) Diisopropyl ether	3.757	45	213087	52.143	ug/l	99
23) Vinyl Acetate	3.715	43	927792	262.770	ug/l	100
24) 1,1-Dichloroethane	3.605	63	117417	50.805	ug/l	100
25) 2-Butanone	4.550	43	248786	248.503	ug/l	99
26) 2,2-Dichloropropane	4.464	77	87635	58.689	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	69161	50.819	ug/l	97
28) Bromochloromethane	4.885	49	58006	51.937	ug/l	98
29) Tetrahydrofuran	4.995	42	155974	240.303	ug/l	100
30) Chloroform	5.080	83	123497	51.931	ug/l	98
31) Cyclohexane	5.458	56	103348	50.582	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	105218	52.289	ug/l	99
36) 1,1-Dichloropropene	5.684	75	80245	55.193	ug/l	98
37) Ethyl Acetate	4.708	43	93674	51.126	ug/l	99
38) Carbon Tetrachloride	5.665	117	90192	57.399	ug/l	99
39) Methylcyclohexane	7.372	83	103066	57.831	ug/l	96
40) Benzene	6.025	78	237249	53.430	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	54826	56.713	ug/l	98
42) 1,2-Dichloroethane	6.074	62	103032	56.179	ug/l	99
43) Isopropyl Acetate	6.336	43	150646	54.248	ug/l	100
44) Trichloroethene	7.116	130	57986	54.942	ug/l	91
45) 1,2-Dichloropropane	7.421	63	60298	54.425	ug/l	94
46) Dibromomethane	7.574	93	46855	55.092	ug/l	99
47) Bromodichloromethane	7.817	83	94666	55.737	ug/l	95
48) Methyl methacrylate	7.689	41	79080	55.154	ug/l	100
49) 1,4-Dioxane	7.659	88	27337	1053.808	ug/l	95
51) 4-Methyl-2-Pentanone	8.567	43	498643	270.869	ug/l	100
52) Toluene	8.714	92	146457	54.508	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	84087	51.414	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	94496	59.205	ug/l	96
55) 1,1,2-Trichloroethane	9.146	97	58279	54.432	ug/l	97
56) Ethyl methacrylate	9.116	69	94768	57.192	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101422	54.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	241001	287.512	ug/l	100
59) 2-Hexanone	9.427	43	367415	269.517	ug/l	100
60) Dibromochloromethane	9.518	129	66908	57.321	ug/l	99
61) 1,2-Dibromoethane	9.604	107	60879	56.169	ug/l	97
64) Tetrachloroethene	9.268	164	52289	55.698	ug/l	99
65) Chlorobenzene	10.073	112	155076	54.579	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	54588	55.337	ug/l	98
67) Ethyl Benzene	10.189	91	288115	56.617	ug/l	98
68) m/p-Xylenes	10.299	106	210300	113.623	ug/l	99
69) o-Xylene	10.640	106	102242	56.076	ug/l	98
70) Styrene	10.652	104	173289	57.585	ug/l	99
71) Bromoform	10.799	173	41823	56.782	ug/l #	96
73) Isopropylbenzene	10.957	105	274789	53.901	ug/l	100
74) N-amyl acetate	10.841	43	132203	54.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	89533	49.994	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78588m	50.622	ug/l	
77) Bromobenzene	11.195	156	62035	52.665	ug/l	99
78) n-propylbenzene	11.299	91	325467	55.426	ug/l	100
79) 2-Chlorotoluene	11.360	91	198790	52.954	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	234164	55.547	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23762	51.947	ug/l	97
82) 4-Chlorotoluene	11.451	91	230522	55.076	ug/l	100
83) tert-Butylbenzene	11.713	119	227076	54.408	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	235052	55.553	ug/l	100
85) sec-Butylbenzene	11.890	105	290333	56.637	ug/l	100
86) p-Isopropyltoluene	12.006	119	238096	56.338	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	114861	53.569	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	115234	53.012	ug/l	98
89) n-Butylbenzene	12.329	91	219990	60.028	ug/l	99
90) Hexachloroethane	12.536	117	41884	57.667	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	116601	54.697	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20563	54.903	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	67653	57.014	ug/l	99
94) Hexachlorobutadiene	13.719	225	29918	58.511	ug/l	98
95) Naphthalene	13.774	128	239345	54.202	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	69428	55.877	ug/l	99

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

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

