

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
 Data File : VX045066.D
 Acq On : 27 Feb 2025 16:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 00:45:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	99754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	179347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77199	52.868	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.740%			
35) Dibromofluoromethane	5.379	113	61822	53.018	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.040%			
50) Toluene-d8	8.646	98	222848	50.540	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.080%			
62) 4-Bromofluorobenzene	11.079	95	76718	51.611	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60046	42.918	ug/l	96
3) Chloromethane	1.306	50	66490	39.047	ug/l	96
4) Vinyl Chloride	1.373	62	69485	42.121	ug/l	100
5) Bromomethane	1.593	94	26650	53.986	ug/l	99
6) Chloroethane	1.660	64	32534	51.014	ug/l	99
7) Trichlorofluoromethane	1.867	101	99322	47.609	ug/l	98
8) Diethyl Ether	2.135	74	36719	48.533	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.318	101	57768	45.831	ug/l	98
10) Methyl Iodide	2.440	142	68856	42.150	ug/l	97
11) Tert butyl alcohol	2.989	59	70545	260.415	ug/l	100
12) 1,1-Dichloroethene	2.306	96	56755	44.142	ug/l	98
13) Acrolein	2.233	56	74551	266.734	ug/l	98
14) Allyl chloride	2.654	41	107388	46.215	ug/l	97
15) Acrylonitrile	3.062	53	199817	276.264	ug/l	97
16) Acetone	2.385	43	170208	289.953	ug/l	95
17) Carbon Disulfide	2.501	76	131327	37.248	ug/l	99
18) Methyl Acetate	2.702	43	119371	64.441	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	200757	49.075	ug/l	99
20) Methylene Chloride	2.782	84	67299	46.805	ug/l	97
21) trans-1,2-Dichloroethene	3.086	96	57100	45.122	ug/l	96
22) Diisopropyl ether	3.763	45	221275	50.334	ug/l	97
23) Vinyl Acetate	3.720	43	904134	252.273	ug/l	98
24) 1,1-Dichloroethane	3.605	63	119605	48.624	ug/l	99
25) 2-Butanone	4.556	43	283954	297.891	ug/l	95
26) 2,2-Dichloropropane	4.470	77	79576	40.794	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	72993	48.021	ug/l	99
28) Bromochloromethane	4.891	49	59701	50.503	ug/l	100
29) Tetrahydrofuran	5.007	42	184650	291.727	ug/l	98
30) Chloroform	5.086	83	120207	50.391	ug/l	96
31) Cyclohexane	5.464	56	95386	42.063	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	97805	48.337	ug/l	98
36) 1,1-Dichloropropene	5.684	75	76285	45.346	ug/l	99
37) Ethyl Acetate	4.714	43	104755	55.983	ug/l	99
38) Carbon Tetrachloride	5.671	117	80972	49.117	ug/l	99
39) Methylcyclohexane	7.372	83	96407	44.326	ug/l	98
40) Benzene	6.031	78	251581	47.892	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	60722	60.626	ug/l	97
42) 1,2-Dichloroethane	6.080	62	90778	54.221	ug/l	98
43) Isopropyl Acetate	6.342	43	162038	53.625	ug/l	99
44) Trichloroethene	7.122	130	57928	48.244	ug/l	93
45) 1,2-Dichloropropane	7.427	63	65751	50.311	ug/l	97
46) Dibromomethane	7.580	93	47308	52.197	ug/l	98
47) Bromodichloromethane	7.817	83	94229	53.694	ug/l	99
48) Methyl methacrylate	7.689	41	80817	56.723	ug/l	97
49) 1,4-Dioxane	7.665	88	34433	1126.430	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	549118	298.918	ug/l	97
52) Toluene	8.713	92	153860	49.180	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	85427	48.103	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	96777	48.876	ug/l	95
55) 1,1,2-Trichloroethane	9.146	97	62105	51.640	ug/l	99
56) Ethyl methacrylate	9.116	69	100142	51.556	ug/l	94
57) 1,3-Dichloropropane	9.305	76	108346	51.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	254613	266.963	ug/l	100
59) 2-Hexanone	9.427	43	403784	305.067	ug/l	96
60) Dibromochloromethane	9.518	129	68114	52.958	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64062	52.555	ug/l	98
64) Tetrachloroethene	9.274	164	46789	47.839	ug/l	94
65) Chlorobenzene	10.079	112	166445	49.968	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	55267	51.547	ug/l	100
67) Ethyl Benzene	10.189	91	292358	49.735	ug/l	99
68) m/p-Xylenes	10.299	106	215002	99.152	ug/l	97
69) o-Xylene	10.640	106	106620	49.002	ug/l	97
70) Styrene	10.652	104	179719	51.268	ug/l	99
71) Bromoform	10.798	173	43927	54.898	ug/l #	99
73) Isopropylbenzene	10.957	105	276995	49.062	ug/l	100
74) N-amyl acetate	10.841	43	135474	53.027	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	99839	51.462	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	79178m	50.931	ug/l	
77) Bromobenzene	11.195	156	64068	50.053	ug/l	96
78) n-propylbenzene	11.304	91	321342	49.311	ug/l	100
79) 2-Chlorotoluene	11.359	91	191888	47.911	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	225131	49.138	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26536	43.908	ug/l	88
82) 4-Chlorotoluene	11.451	91	214836	48.485	ug/l	99
83) tert-Butylbenzene	11.713	119	229570	49.531	ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	226995	50.198	ug/l	98
85) sec-Butylbenzene	11.890	105	284121	49.504	ug/l	99
86) p-Isopropyltoluene	12.006	119	231681	50.196	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	115363	49.010	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	115054	48.343	ug/l	99
89) n-Butylbenzene	12.329	91	207278	50.763	ug/l	98
90) Hexachloroethane	12.536	117	41009	47.452	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	115510	49.931	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	19484	55.027	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	68835	49.173	ug/l	99
94) Hexachlorobutadiene	13.725	225	27159	48.872	ug/l	100
95) Naphthalene	13.774	128	265775	52.522	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72300	51.257	ug/l	99

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

