

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045897.D
 Acq On : 22 Apr 2025 19:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
 Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 01:37:17 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	80139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74925	51.125	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.240%			
35) Dibromofluoromethane	5.379	113	52034	51.382	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.760%			
50) Toluene-d8	8.647	98	165116	46.713	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.420%			
62) 4-Bromofluorobenzene	11.079	95	62632	48.645	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51136	42.667	ug/l	98
3) Chloromethane	1.307	50	54315	44.114	ug/l	100
4) Vinyl Chloride	1.374	62	50431	44.757	ug/l	100
5) Bromomethane	1.593	94	22867	42.801	ug/l	97
6) Chloroethane	1.666	64	28239	47.237	ug/l	98
7) Trichlorofluoromethane	1.874	101	76151	45.321	ug/l	99
8) Diethyl Ether	2.130	74	25868	45.856	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	44545	45.242	ug/l	96
10) Methyl Iodide	2.447	142	59308	48.293	ug/l	97
11) Tert butyl alcohol	2.971	59	49917	253.442	ug/l	98
12) 1,1-Dichloroethene	2.313	96	44077	45.815	ug/l	97
13) Acrolein	2.233	56	73147	269.694	ug/l	98
14) Allyl chloride	2.660	41	86038	47.133	ug/l	99
15) Acrylonitrile	3.062	53	150682	242.364	ug/l	98
16) Acetone	2.380	43	141306	234.810	ug/l	100
17) Carbon Disulfide	2.502	76	96751	40.717	ug/l	98
18) Methyl Acetate	2.703	43	73593	53.115	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	156603	46.532	ug/l	99
20) Methylene Chloride	2.782	84	51730	45.916	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	45169	45.956	ug/l	98
22) Diisopropyl ether	3.757	45	164411	45.723	ug/l	88
23) Vinyl Acetate	3.721	43	753664	242.590	ug/l	99
24) 1,1-Dichloroethane	3.605	63	94477	46.459	ug/l	99
25) 2-Butanone	4.556	43	211777	240.411	ug/l	97
26) 2,2-Dichloropropane	4.471	77	56498	43.001	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	56054	46.811	ug/l	98
28) Bromochloromethane	4.891	49	41971	42.710	ug/l	100
29) Tetrahydrofuran	5.007	42	133003	232.883	ug/l	100
30) Chloroform	5.086	83	97908	46.791	ug/l	96
31) Cyclohexane	5.458	56	80980	45.045	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	82451	46.567	ug/l	100
36) 1,1-Dichloropropene	5.690	75	62659	45.825	ug/l	98
37) Ethyl Acetate	4.715	43	78174	45.367	ug/l	98
38) Carbon Tetrachloride	5.672	117	69493	47.026	ug/l	99
39) Methylcyclohexane	7.373	83	76809	45.826	ug/l	98
40) Benzene	6.031	78	190949	45.725	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	45750	50.320	ug/l	99
42) 1,2-Dichloroethane	6.080	62	83375	48.339	ug/l	100
43) Isopropyl Acetate	6.336	43	124220	47.564	ug/l	100
44) Trichloroethene	7.123	130	44539	44.872	ug/l	95
45) 1,2-Dichloropropane	7.421	63	49063	47.088	ug/l	93
46) Dibromomethane	7.580	93	37774	47.226	ug/l	97
47) Bromodichloromethane	7.818	83	74490	46.634	ug/l	97
48) Methyl methacrylate	7.690	41	64870	48.107	ug/l	98
49) 1,4-Dioxane	7.659	88	25618	1050.054	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	414684	239.521	ug/l	100
52) Toluene	8.714	92	114791	45.427	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	65004	42.670	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	72794	48.495	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	46946	46.622	ug/l	95
56) Ethyl methacrylate	9.116	69	77769	49.904	ug/l	98
57) 1,3-Dichloropropane	9.305	76	82520	47.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	173062	219.530	ug/l	98
59) 2-Hexanone	9.427	43	310867	242.471	ug/l	100
60) Dibromochloromethane	9.519	129	51299	46.731	ug/l	99
61) 1,2-Dibromoethane	9.604	107	48236	47.321	ug/l	100
64) Tetrachloroethene	9.269	164	38341	44.986	ug/l	94
65) Chlorobenzene	10.079	112	123996	48.070	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	42924	47.930	ug/l	98
67) Ethyl Benzene	10.189	91	221273	47.896	ug/l	100
68) m/p-Xylenes	10.299	106	161304	95.998	ug/l	99
69) o-Xylene	10.640	106	80226	48.468	ug/l	99
70) Styrene	10.653	104	136598	50.000	ug/l	100
71) Bromoform	10.799	173	32286	48.283	ug/l #	98
73) Isopropylbenzene	10.957	105	209715	47.318	ug/l	100
74) N-amyl acetate	10.842	43	107794	50.844	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	72014	46.254	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	64048m	47.455	ug/l	
77) Bromobenzene	11.195	156	48189	47.057	ug/l	99
78) n-propylbenzene	11.299	91	241674	47.341	ug/l	99
79) 2-Chlorotoluene	11.360	91	153881	47.151	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	176687	48.210	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18511	46.548	ug/l	96
82) 4-Chlorotoluene	11.451	91	174053	47.833	ug/l	100
83) tert-Butylbenzene	11.713	119	175157	48.274	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	179016	48.666	ug/l	99
85) sec-Butylbenzene	11.890	105	211934	47.556	ug/l	99
86) p-Isopropyltoluene	12.006	119	177973	48.439	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	87602	46.995	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	87723	46.420	ug/l	99
89) n-Butylbenzene	12.329	91	154358	48.448	ug/l	100
90) Hexachloroethane	12.536	117	30809	48.792	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	87838	47.396	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16612	51.018	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	49605	48.086	ug/l	99
94) Hexachlorobutadiene	13.725	225	20193	45.426	ug/l	97
95) Naphthalene	13.774	128	188999	49.232	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	50633	46.873	ug/l	99

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

