

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045730.D
 Acq On : 11 Apr 2025 10:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2025
 Supervised By : Mahesh Dadoda 04/14/2025

Quant Time: Apr 11 23:03:09 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	97283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85573	48.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.200%		
35) Dibromofluoromethane	5.379	113	58254	49.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.700%		
50) Toluene-d8	8.647	98	202013	49.525	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.040%		
62) 4-Bromofluorobenzene	11.079	95	80858	54.421	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72437	49.789	ug/l	99
3) Chloromethane	1.307	50	67667	45.273	ug/l	100
4) Vinyl Chloride	1.374	62	61876	45.237	ug/l	99
5) Bromomethane	1.593	94	27260	42.032	ug/l	99
6) Chloroethane	1.666	64	34556	47.617	ug/l	100
7) Trichlorofluoromethane	1.873	101	97632	47.866	ug/l	99
8) Diethyl Ether	2.130	74	31690	46.277	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	58859	49.246	ug/l	98
10) Methyl Iodide	2.440	142	67086	45.000	ug/l	97
11) Tert butyl alcohol	2.977	59	60339	252.369	ug/l	99
12) 1,1-Dichloroethene	2.306	96	53422	45.743	ug/l	97
13) Acrolein	2.233	56	61319	186.241	ug/l	99
14) Allyl chloride	2.654	41	106077	47.870	ug/l	100
15) Acrylonitrile	3.062	53	178975	237.140	ug/l	98
16) Acetone	2.386	43	168655	230.867	ug/l	97
17) Carbon Disulfide	2.501	76	115535	40.054	ug/l	98
18) Methyl Acetate	2.703	43	89137	52.996	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	201092	49.222	ug/l	98
20) Methylene Chloride	2.782	84	63104	46.141	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	53927	45.197	ug/l	95
22) Diisopropyl ether	3.757	45	208728	47.818	ug/l	93
23) Vinyl Acetate	3.715	43	927978	246.059	ug/l	100
24) 1,1-Dichloroethane	3.599	63	114911	46.549	ug/l	99
25) 2-Butanone	4.556	43	260543	243.647	ug/l	99
26) 2,2-Dichloropropane	4.465	77	88385	55.416	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	66350	45.644	ug/l	96
28) Bromochloromethane	4.891	49	56463	47.331	ug/l	98
29) Tetrahydrofuran	5.001	42	163985	236.531	ug/l	99
30) Chloroform	5.086	83	120655	47.500	ug/l	99
31) Cyclohexane	5.464	56	100209	45.918	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	103773	48.281	ug/l	99
36) 1,1-Dichloropropene	5.684	75	76541	48.508	ug/l	99
37) Ethyl Acetate	4.708	43	95833	48.194	ug/l	99
38) Carbon Tetrachloride	5.665	117	87144	51.101	ug/l	98
39) Methylcyclohexane	7.373	83	98187	50.764	ug/l	96
40) Benzene	6.031	78	231234	47.983	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56924	54.255	ug/l	98
42) 1,2-Dichloroethane	6.080	62	100704	50.595	ug/l	100
43) Isopropyl Acetate	6.336	43	158328	52.534	ug/l	100
44) Trichloroethene	7.123	130	55126	48.127	ug/l	97
45) 1,2-Dichloropropane	7.421	63	59390	49.393	ug/l	97
46) Dibromomethane	7.574	93	45368	49.152	ug/l	98
47) Bromodichloromethane	7.818	83	92524	50.194	ug/l	96
48) Methyl methacrylate	7.690	41	82873	53.257	ug/l	98
49) 1,4-Dioxane	7.659	88	30420	1080.494	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	526773	263.661	ug/l	99
52) Toluene	8.714	92	141355	48.475	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	84143	47.584	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	93096	53.744	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	58189	50.076	ug/l	97
56) Ethyl methacrylate	9.116	69	98718	54.894	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101969	50.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	245823	270.217	ug/l	99
59) 2-Hexanone	9.427	43	391086	264.335	ug/l	100
60) Dibromochloromethane	9.518	129	65483	51.692	ug/l	99
61) 1,2-Dibromoethane	9.604	107	60328	51.286	ug/l	100
64) Tetrachloroethene	9.269	164	47682	45.712	ug/l	98
65) Chlorobenzene	10.073	112	154107	48.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54432	49.662	ug/l	99
67) Ethyl Benzene	10.189	91	283288	50.102	ug/l	100
68) m/p-Xylenes	10.299	106	209512	101.879	ug/l	99
69) o-Xylene	10.640	106	103263	50.973	ug/l	100
70) Styrene	10.652	104	175059	52.356	ug/l	99
71) Bromoform	10.799	173	42549	51.992	ug/l #	99
73) Isopropylbenzene	10.957	105	279055	48.759	ug/l	99
74) N-amyl acetate	10.841	43	140866	51.455	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	92218	45.869	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	80723m	46.318	ug/l	
77) Bromobenzene	11.195	156	62929	47.589	ug/l	99
78) n-propylbenzene	11.299	91	329781	50.027	ug/l	100
79) 2-Chlorotoluene	11.360	91	204153	48.443	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	237040	50.087	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25061	48.803	ug/l	97
82) 4-Chlorotoluene	11.451	91	233003	49.589	ug/l	100
83) tert-Butylbenzene	11.713	119	234833	50.120	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	239508	50.423	ug/l	100
85) sec-Butylbenzene	11.890	105	294171	51.118	ug/l	100
86) p-Isopropyltoluene	12.006	119	243819	51.391	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	116417	48.364	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	116806	47.866	ug/l	99
89) n-Butylbenzene	12.329	91	221431	53.822	ug/l	100
90) Hexachloroethane	12.536	117	41335	50.695	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	115059	48.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21534	51.215	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	68376	51.329	ug/l	98
94) Hexachlorobutadiene	13.719	225	29358	51.144	ug/l	99
95) Naphthalene	13.774	128	251217	50.677	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	70089	50.247	ug/l	100

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

