

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045584.D
 Acq On : 03 Apr 2025 20:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 04 01:30:35 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	90690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	146072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85099	51.311	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.620%			
35) Dibromofluoromethane	5.379	113	58452	50.756	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%			
50) Toluene-d8	8.647	98	202977	50.496	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.000%			
62) 4-Bromofluorobenzene	11.079	95	75740	51.730	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	74694	55.073	ug/l	96
3) Chloromethane	1.300	50	72968	52.369	ug/l	100
4) Vinyl Chloride	1.374	62	66644	52.264	ug/l	98
5) Bromomethane	1.593	94	29899	49.452	ug/l	98
6) Chloroethane	1.666	64	37337	55.189	ug/l	95
7) Trichlorofluoromethane	1.873	101	101644	53.456	ug/l	99
8) Diethyl Ether	2.130	74	33389	52.303	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	57241	51.373	ug/l	97
10) Methyl Iodide	2.447	142	72137	51.905	ug/l	98
11) Tert butyl alcohol	2.971	59	58619	262.999	ug/l	99
12) 1,1-Dichloroethene	2.312	96	56616	52.002	ug/l	95
13) Acrolein	2.233	56	90926	296.242	ug/l	98
14) Allyl chloride	2.660	41	108737	52.638	ug/l	99
15) Acrylonitrile	3.062	53	189531	269.383	ug/l	99
16) Acetone	2.379	43	178838	262.603	ug/l	98
17) Carbon Disulfide	2.501	76	134094	49.868	ug/l	98
18) Methyl Acetate	2.703	43	82496	52.614	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	199743	52.446	ug/l	100
20) Methylene Chloride	2.782	84	65781	51.595	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	57081	51.319	ug/l	97
22) Diisopropyl ether	3.757	45	219052	53.832	ug/l	91
23) Vinyl Acetate	3.721	43	966745	274.974	ug/l	99
24) 1,1-Dichloroethane	3.605	63	118043	51.294	ug/l	98
25) 2-Butanone	4.556	43	270916	271.765	ug/l	99
26) 2,2-Dichloropropane	4.471	77	73606	49.505	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	68320	50.416	ug/l	96
28) Bromochloromethane	4.891	49	56478	50.786	ug/l	97
29) Tetrahydrofuran	5.001	42	173070	267.783	ug/l	99
30) Chloroform	5.086	83	123127	51.997	ug/l	99
31) Cyclohexane	5.464	56	105029	51.625	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	105392	52.599	ug/l	99
36) 1,1-Dichloropropene	5.690	75	80979	52.079	ug/l	98
37) Ethyl Acetate	4.714	43	103473	52.805	ug/l	100
38) Carbon Tetrachloride	5.672	117	89687	53.369	ug/l	98
39) Methylcyclohexane	7.379	83	97424	51.114	ug/l	97
40) Benzene	6.031	78	245071	51.606	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57943	56.043	ug/l	99
42) 1,2-Dichloroethane	6.080	62	103866	52.955	ug/l	99
43) Isopropyl Acetate	6.342	43	157726	53.108	ug/l	100
44) Trichloroethene	7.123	130	57607	51.037	ug/l	93
45) 1,2-Dichloropropane	7.427	63	62050	52.368	ug/l	97
46) Dibromomethane	7.574	93	47915	52.678	ug/l	99
47) Bromodichloromethane	7.818	83	94694	52.131	ug/l	98
48) Methyl methacrylate	7.690	41	84741	55.262	ug/l	98
49) 1,4-Dioxane	7.659	88	31846	1147.863	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	546937	277.800	ug/l	100
52) Toluene	8.714	92	149524	52.034	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	81541	46.832	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	91376	53.531	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	59713	52.147	ug/l	95
56) Ethyl methacrylate	9.116	69	96417	54.407	ug/l	99
57) 1,3-Dichloropropane	9.305	76	104813	52.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	239889	267.591	ug/l	100
59) 2-Hexanone	9.427	43	404339	277.332	ug/l	99
60) Dibromochloromethane	9.518	129	66672	53.408	ug/l	98
61) 1,2-Dibromoethane	9.610	107	61547	53.096	ug/l	98
64) Tetrachloroethene	9.268	164	50467	48.935	ug/l	97
65) Chlorobenzene	10.079	112	159249	51.020	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	54970	50.726	ug/l	99
67) Ethyl Benzene	10.189	91	292955	52.404	ug/l	100
68) m/p-Xylenes	10.299	106	212749	104.635	ug/l	100
69) o-Xylene	10.640	106	104867	52.356	ug/l	98
70) Styrene	10.652	104	176859	53.499	ug/l	99
71) Bromoform	10.799	173	42515	52.544	ug/l #	99
73) Isopropylbenzene	10.957	105	275716	51.452	ug/l	99
74) N-amyl acetate	10.841	43	137272	53.552	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	92896	49.348	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80382m	49.258	ug/l	
77) Bromobenzene	11.195	156	63088	50.953	ug/l	99
78) n-propylbenzene	11.299	91	324951	52.646	ug/l	99
79) 2-Chlorotoluene	11.360	91	202233	51.250	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	234229	52.859	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23335	48.532	ug/l	95
82) 4-Chlorotoluene	11.451	91	229471	52.158	ug/l	100
83) tert-Butylbenzene	11.713	119	230788	52.606	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	238345	53.590	ug/l	98
85) sec-Butylbenzene	11.890	105	285703	53.022	ug/l	100
86) p-Isopropyltoluene	12.006	119	233933	52.660	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	114473	50.791	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	112783	49.360	ug/l	99
89) n-Butylbenzene	12.329	91	204706	53.140	ug/l	99
90) Hexachloroethane	12.536	117	41293	54.087	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	112597	50.249	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20821	52.887	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	63392	50.824	ug/l	97
94) Hexachlorobutadiene	13.719	225	25954	48.289	ug/l	99
95) Naphthalene	13.774	128	236634	50.981	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	65101	49.845	ug/l	99

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

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