

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044833.D
 Acq On : 05 Feb 2025 09:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 06 04:34:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	130213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	238329	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	208039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96616	49.157	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.320%		
35) Dibromofluoromethane	5.373	113	80204	52.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.940%		
50) Toluene-d8	8.641	98	303926	57.570	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	115.140%#		
62) 4-Bromofluorobenzene	11.079	95	105847	53.783	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	107.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	81634	46.589	ug/l	99
3) Chloromethane	1.301	50	93289	49.234	ug/l	98
4) Vinyl Chloride	1.374	62	96250	51.411	ug/l	100
5) Bromomethane	1.593	94	27090	60.599	ug/l	92
6) Chloroethane	1.660	64	33315	97.038	ug/l	98
7) Trichlorofluoromethane	1.867	101	126765	61.264	ug/l	99
8) Diethyl Ether	2.130	74	46301	55.448	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	79520	51.124	ug/l	98
10) Methyl Iodide	2.441	142	103574	48.772	ug/l	99
11) Tert butyl alcohol	2.983	59	83526	190.626	ug/l #	85
12) 1,1-Dichloroethene	2.306	96	79148	51.912	ug/l	100
13) Acrolein	2.233	56	43610	211.499	ug/l	96
14) Allyl chloride	2.654	41	143881	48.468	ug/l	96
15) Acrylonitrile	3.062	53	228563	265.955	ug/l	99
16) Acetone	2.380	43	180333	231.904	ug/l	97
17) Carbon Disulfide	2.502	76	203259	48.857	ug/l	100
18) Methyl Acetate	2.697	43	133131	55.493	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	265690	48.111	ug/l	99
20) Methylene Chloride	2.782	84	89130	49.219	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	79366	49.859	ug/l	98
22) Diisopropyl ether	3.757	45	286140	55.451	ug/l	92
23) Vinyl Acetate	3.715	43	1151204	254.887	ug/l	99
24) 1,1-Dichloroethane	3.599	63	154082	50.353	ug/l	98
25) 2-Butanone	4.550	43	300557	259.958	ug/l	97
26) 2,2-Dichloropropane	4.465	77	129983	43.828	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	97083	48.486	ug/l	98
28) Bromochloromethane	4.891	49	72313	50.572	ug/l	91
29) Tetrahydrofuran	4.995	42	194553	260.876	ug/l	97
30) Chloroform	5.080	83	150566	48.756	ug/l	98
31) Cyclohexane	5.458	56	137436	55.532	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	126286	44.483	ug/l	99
36) 1,1-Dichloropropene	5.678	75	103474	49.095	ug/l	98
37) Ethyl Acetate	4.708	43	117997	52.572	ug/l	97
38) Carbon Tetrachloride	5.666	117	104966	44.276	ug/l	94
39) Methylcyclohexane	7.373	83	145799	52.111	ug/l	99
40) Benzene	6.031	78	337366	51.656	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	66251	50.655	ug/l	99
42) 1,2-Dichloroethane	6.074	62	109163	45.796	ug/l	99
43) Isopropyl Acetate	6.330	43	201081	48.701	ug/l	98
44) Trichloroethene	7.117	130	77666	49.466	ug/l	99
45) 1,2-Dichloropropane	7.421	63	85415	51.957	ug/l	97
46) Dibromomethane	7.574	93	59075	47.204	ug/l	98
47) Bromodichloromethane	7.812	83	118422	46.141	ug/l	99
48) Methyl methacrylate	7.690	41	96254	50.222	ug/l	99
49) 1,4-Dioxane	7.659	88	38565	964.447	ug/l	100
51) 4-Methyl-2-Pentanone	8.568	43	607578	266.276	ug/l	98
52) Toluene	8.714	92	207331	51.867	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	125969	47.506	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	137439	47.802	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	80692	49.893	ug/l	98
56) Ethyl methacrylate	9.110	69	134667	48.427	ug/l	99
57) 1,3-Dichloropropane	9.305	76	139096	50.506	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.232	63	344794	252.556	ug/l	97
59) 2-Hexanone	9.427	43	440332	262.305	ug/l	99
60) Dibromochloromethane	9.519	129	88354	46.546	ug/l	100
61) 1,2-Dibromoethane	9.604	107	82129	48.457	ug/l	99
64) Tetrachloroethene	9.269	164	62846	48.108	ug/l	98
65) Chlorobenzene	10.073	112	225626	51.060	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	72836	45.354	ug/l	98
67) Ethyl Benzene	10.189	91	396636	51.443	ug/l	98
68) m/p-Xylenes	10.299	106	297338	103.921	ug/l	97
69) o-Xylene	10.640	106	147027	50.812	ug/l	98
70) Styrene	10.653	104	243112	52.040	ug/l	97
71) Bromoform	10.799	173	57043	43.642	ug/l #	99
73) Isopropylbenzene	10.957	105	374271	49.282	ug/l	99
74) N-amyl acetate	10.841	43	171375	45.782	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	122980	46.887	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	101667m	45.064	ug/l	
77) Bromobenzene	11.195	156	84077	47.365	ug/l	96
78) n-propylbenzene	11.299	91	433884	51.805	ug/l	99
79) 2-Chlorotoluene	11.360	91	259960	48.050	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	304687	49.283	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.012	75	41236	41.799	ug/l	99
82) 4-Chlorotoluene	11.451	91	291528	49.190	ug/l	98
83) tert-Butylbenzene	11.713	119	307755	47.608	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	305913	48.693	ug/l	99
85) sec-Butylbenzene	11.890	105	385000	51.151	ug/l	99
86) p-Isopropyltoluene	12.006	119	312377	50.501	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	153034	49.712	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	155792	50.062	ug/l	97
89) n-Butylbenzene	12.329	91	288317	54.269	ug/l	99
90) Hexachloroethane	12.536	117	62053	44.302	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	154127	48.752	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28187	43.942	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	97574	51.629	ug/l	99
94) Hexachlorobutadiene	13.725	225	38439	51.779	ug/l	99
95) Naphthalene	13.774	128	348535	47.815	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	98624	50.344	ug/l	98

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

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