

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041477.D
 Acq On : 13 May 2024 09:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 14 01:19:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/14/2024
 Supervised By : Mahesh Dadoda 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	191678	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	260141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	112454	53.891	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.780%			
35) Dibromofluoromethane	5.379	113	97699	55.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.840%			
50) Toluene-d8	8.647	98	309169	55.409	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.820%			
62) 4-Bromofluorobenzene	11.079	95	124453	57.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	86638	55.008	ug/l	100
3) Chloromethane	1.294	50	77829	47.754	ug/l	99
4) Vinyl Chloride	1.374	62	81614	52.530	ug/l	99
5) Bromomethane	1.599	94	53103	54.521	ug/l	99
6) Chloroethane	1.666	64	41608	57.679	ug/l	99
7) Trichlorofluoromethane	1.867	101	137282	51.242	ug/l	99
8) Diethyl Ether	2.136	74	48964	51.853	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	87296	57.975	ug/l	88
10) Methyl Iodide	2.447	142	94834	58.518	ug/l	89
11) Tert butyl alcohol	3.014	59	99071	237.208	ug/l	# 92
12) 1,1-Dichloroethene	2.306	96	80144	53.956	ug/l	88
13) Acrolein	2.239	56	110887	334.668	ug/l	98
14) Allyl chloride	2.660	41	142213	56.988	ug/l	98
15) Acrylonitrile	3.068	53	252131	264.506	ug/l	100
16) Acetone	2.386	43	262039	285.725	ug/l	96
17) Carbon Disulfide	2.501	76	161267	46.187	ug/l	100
18) Methyl Acetate	2.703	43	120807	56.587	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	287596	53.114	ug/l	100
20) Methylene Chloride	2.782	84	91300	50.400	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	83004	50.004	ug/l	91
22) Diisopropyl ether	3.763	45	288675	54.583	ug/l	86
23) Vinyl Acetate	3.721	43	1306036	276.061	ug/l	97
24) 1,1-Dichloroethane	3.605	63	158976	53.207	ug/l	98
25) 2-Butanone	4.562	43	367478	272.094	ug/l	98
26) 2,2-Dichloropropane	4.465	77	133164	53.305	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	102998	52.405	ug/l	92
28) Bromochloromethane	4.891	49	57228	53.668	ug/l	# 82
29) Tetrahydrofuran	5.007	42	227206	257.236	ug/l	97
30) Chloroform	5.086	83	169009	54.369	ug/l	98
31) Cyclohexane	5.458	56	126136	50.085	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	149780	52.961	ug/l	99
36) 1,1-Dichloropropene	5.684	75	108255	51.354	ug/l	97
37) Ethyl Acetate	4.714	43	136604	51.936	ug/l	100
38) Carbon Tetrachloride	5.672	117	127436	52.771	ug/l	99
39) Methylcyclohexane	7.373	83	117321	47.374	ug/l	93
40) Benzene	6.031	78	328240	50.511	ug/l	100

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41) Methacrylonitrile	4.916	41	74892	55.323	ug/l	95
42) 1,2-Dichloroethane	6.080	62	126740	53.217	ug/l	97
43) Isopropyl Acetate	6.342	43	205369	51.931	ug/l	99
44) Trichloroethene	7.116	130	81200	47.320	ug/l	86
45) 1,2-Dichloropropane	7.427	63	74064	51.011	ug/l	97
46) Dibromomethane	7.580	93	60156	52.046	ug/l #	79
47) Bromodichloromethane	7.818	83	121135	58.812	ug/l	95
48) Methyl methacrylate	7.690	41	105196	58.027	ug/l	96
49) 1,4-Dioxane	7.665	88	41825	1067.103	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	661134	278.605	ug/l	100
52) Toluene	8.714	92	211004	53.079	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	109112	45.787	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	129549	57.212	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	88297	57.677	ug/l	97
56) Ethyl methacrylate	9.116	69	138080	58.279	ug/l	98
57) 1,3-Dichloropropane	9.305	76	141034	55.200	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	331505	288.564	ug/l	94
59) 2-Hexanone	9.433	43	539416	284.270	ug/l	99
60) Dibromochloromethane	9.518	129	106348	59.009	ug/l	99
61) 1,2-Dibromoethane	9.610	107	92297	54.801	ug/l	98
64) Tetrachloroethene	9.269	164	87398	50.488	ug/l	91
65) Chlorobenzene	10.079	112	252556	52.043	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	92966	54.217	ug/l	98
67) Ethyl Benzene	10.195	91	415021	51.835	ug/l	98
68) m/p-Xylenes	10.299	106	327393	102.111	ug/l	94
69) o-Xylene	10.640	106	160785	52.374	ug/l	94
70) Styrene	10.652	104	275958	54.781	ug/l	96
71) Bromoform	10.799	173	82969	54.067	ug/l #	100
73) Isopropylbenzene	10.963	105	428475	51.710	ug/l	97
74) N-amyl acetate	10.841	43	192970	53.304	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	134122	49.397	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	109777m	49.623	ug/l	
77) Bromobenzene	11.195	156	119574	51.129	ug/l	80
78) n-propylbenzene	11.305	91	464235	53.342	ug/l	97
79) 2-Chlorotoluene	11.360	91	283956	50.631	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	336772	49.856	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	43583	53.663	ug/l	97
82) 4-Chlorotoluene	11.451	91	322276	50.617	ug/l	93
83) tert-Butylbenzene	11.713	119	385820	53.338	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	364519	53.631	ug/l	94
85) sec-Butylbenzene	11.890	105	455342	54.929	ug/l	95
86) p-Isopropyltoluene	12.006	119	400993	53.861	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	224319	52.770	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	227947	52.048	ug/l	95
89) n-Butylbenzene	12.329	91	329081	54.970	ug/l	98
90) Hexachloroethane	12.536	117	65222	52.385	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	224855	50.079	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29756	47.426	ug/l	61
93) 1,2,4-Trichlorobenzene	13.585	180	167094	53.241	ug/l	95
94) Hexachlorobutadiene	13.725	225	82340	52.537	ug/l	98
95) Naphthalene	13.774	128	488508	52.524	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	167786	52.309	ug/l	95

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

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