

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070324\
 Data File : VX042155.D
 Acq On : 03 Jul 2024 11:39
 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 07/05/2024
 Supervised By : Mahesh Dadoda 07/05/2024

Quant Time: Jul 04 07:20:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	181052	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	252473	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	129842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87417	41.871	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.740%		
35) Dibromofluoromethane	5.379	113	85233	47.578	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.160%		
50) Toluene-d8	8.647	98	283936	45.116	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.240%#		
62) 4-Bromofluorobenzene	11.079	95	112956	48.690	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	82242	59.625	ug/l	99
3) Chloromethane	1.301	50	85619	49.479	ug/l	98
4) Vinyl Chloride	1.374	62	86664	49.963	ug/l	99
5) Bromomethane	1.599	94	50983	59.523	ug/l	97
6) Chloroethane	1.666	64	45938	64.610	ug/l	95
7) Trichlorofluoromethane	1.874	101	133260	58.638	ug/l	99
8) Diethyl Ether	2.136	74	50477	47.318	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	86667	55.361	ug/l #	85
10) Methyl Iodide	2.447	142	103130	53.002	ug/l #	85
11) Tert butyl alcohol	2.989	59	96264	242.955	ug/l #	92
12) 1,1-Dichloroethene	2.307	96	82500	52.831	ug/l	82
13) Acrolein	2.239	56	94364	212.462	ug/l	97
14) Allyl chloride	2.654	41	130275	52.603	ug/l	88
15) Acrylonitrile	3.069	53	249300	240.886	ug/l	98
16) Acetone	2.386	43	227445	248.103	ug/l	91
17) Carbon Disulfide	2.502	76	185638	58.303	ug/l	99
18) Methyl Acetate	2.709	43	107439	42.962	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	269568	52.252	ug/l	98
20) Methylene Chloride	2.788	84	92584	46.123	ug/l	86
21) trans-1,2-Dichloroethene	3.087	96	84109	53.070	ug/l	85
22) Diisopropyl ether	3.764	45	263282	50.294	ug/l #	85
23) Vinyl Acetate	3.721	43	1189914	266.161	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	153367	52.316	ug/l	96
25) 2-Butanone	4.562	43	346189	242.732	ug/l	92
26) 2,2-Dichloropropane	4.471	77	125481	59.108	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	104457	52.624	ug/l	86
28) Bromochloromethane	4.898	49	54185	43.154	ug/l #	72
29) Tetrahydrofuran	5.007	42	219322	238.109	ug/l	92
30) Chloroform	5.093	83	157508	51.572	ug/l	99
31) Cyclohexane	5.458	56	128123	52.475	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	137627	53.929	ug/l	95
36) 1,1-Dichloropropene	5.690	75	105946	55.693	ug/l	94
37) Ethyl Acetate	4.715	43	128456	51.837	ug/l	97
38) Carbon Tetrachloride	5.672	117	121212	57.669	ug/l	98
39) Methylcyclohexane	7.373	83	143199	59.522	ug/l	92
40) Benzene	6.031	78	345984	53.926	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	70429	52.430	ug/l	92
42) 1,2-Dichloroethane	6.080	62	110619	53.526	ug/l	90
43) Isopropyl Acetate	6.342	43	195997	51.528	ug/l #	93
44) Trichloroethene	7.123	130	97792	56.863	ug/l	85
45) 1,2-Dichloropropane	7.428	63	84036	53.269	ug/l	99
46) Dibromomethane	7.580	93	62426	54.310	ug/l #	76
47) Bromodichloromethane	7.818	83	117752	55.797	ug/l	99
48) Methyl methacrylate	7.690	41	97447	53.681	ug/l #	85
49) 1,4-Dioxane	7.665	88	45603	950.420	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	655947	250.347	ug/l	93
52) Toluene	8.714	92	225686	55.240	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	121162	54.091	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	136161	58.932	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	91211	53.591	ug/l	97
56) Ethyl methacrylate	9.116	69	148326	56.019	ug/l #	87
57) 1,3-Dichloropropane	9.305	76	146426	53.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	310577	251.706	ug/l	92
59) 2-Hexanone	9.433	43	511548	254.907	ug/l	91
60) Dibromochloromethane	9.519	129	106295	57.496	ug/l	98
61) 1,2-Dibromoethane	9.610	107	96812	54.849	ug/l	99
64) Tetrachloroethene	9.269	164	94270	56.317	ug/l	91
65) Chlorobenzene	10.080	112	262391	54.877	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	93705	55.975	ug/l	98
67) Ethyl Benzene	10.189	91	429665	57.340	ug/l	98
68) m/p-Xylenes	10.299	106	343398	113.525	ug/l	91
69) o-Xylene	10.640	106	170054	56.784	ug/l	91
70) Styrene	10.653	104	289406	57.630	ug/l	94
71) Bromoform	10.799	173	86575	53.380	ug/l #	97
73) Isopropylbenzene	10.964	105	436650	55.308	ug/l	96
74) N-amyl acetate	10.842	43	179242	51.111	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	141296	48.133	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	117613m	49.896	ug/l	
77) Bromobenzene	11.195	156	125469	53.361	ug/l	77
78) n-propylbenzene	11.305	91	484190	56.523	ug/l	95
79) 2-Chlorotoluene	11.360	91	295928	53.619	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	370956	56.412	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	45606	54.946	ug/l #	84
82) 4-Chlorotoluene	11.451	91	338205	55.433	ug/l	92
83) tert-Butylbenzene	11.713	119	393613	54.551	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	374704	56.796	ug/l	93
85) sec-Butylbenzene	11.890	105	464452	56.909	ug/l	95
86) p-Isopropyltoluene	12.006	119	413918	58.059	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	224834	54.401	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	227609	53.675	ug/l	95
89) n-Butylbenzene	12.329	91	323435	58.936	ug/l	97
90) Hexachloroethane	12.536	117	68136	56.137	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	224071	52.984	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30531	52.482	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.585	180	159223	57.473	ug/l	95
94) Hexachlorobutadiene	13.725	225	79726	56.911	ug/l	99
95) Naphthalene	13.774	128	470780	50.563	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	162915	55.758	ug/l	95

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

