

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035730.D
 Acq On : 17 May 2023 19:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

Quant Time: May 18 04:44:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	196625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	355212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	183404	53.467	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.940%			
35) Dibromofluoromethane	5.385	113	124914	52.144	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.280%			
50) Toluene-d8	8.647	98	451410	51.008	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.020%			
62) 4-Bromofluorobenzene	11.079	95	186853	52.439	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	114974	44.868	ug/l	97
3) Chloromethane	1.294	50	127133	40.882	ug/l	98
4) Vinyl Chloride	1.374	62	122717	46.499	ug/l	99
5) Bromomethane	1.617	94	74632	52.215	ug/l	97
6) Chloroethane	1.691	64	77700	48.531	ug/l	100
7) Trichlorofluoromethane	1.886	101	171614	44.225	ug/l	99
8) Diethyl Ether	2.130	74	74529	49.882	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	107321	46.582	ug/l	96
10) Methyl Iodide	2.453	142	113999	55.324	ug/l	91
11) Tert butyl alcohol	3.032	59	152605m	252.165	ug/l	
12) 1,1-Dichloroethene	2.319	96	100142	45.734	ug/l	90
13) Acrolein	2.245	56	151987	211.601	ug/l	100
14) Allyl chloride	2.666	41	215937	46.032	ug/l	94
15) Acrylonitrile	3.075	53	359179	269.529	ug/l	99
16) Acetone	2.404	43	350258	237.578	ug/l	93
17) Carbon Disulfide	2.514	76	198039	37.475	ug/l	98
18) Methyl Acetate	2.709	43	295267	54.305	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	433401	49.739	ug/l	98
20) Methylene Chloride	2.788	84	125845	47.099	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	112066	46.707	ug/l	93
22) Diisopropyl ether	3.757	45	454844	49.522	ug/l	100
23) Vinyl Acetate	3.721	43	1612374	248.103	ug/l	97
24) 1,1-Dichloroethane	3.611	63	240067	48.872	ug/l	98
25) 2-Butanone	4.568	43	535139	262.211	ug/l	98
26) 2,2-Dichloropropane	4.477	77	179964	43.263	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	139650	48.417	ug/l	95
28) Bromochloromethane	4.897	49	117220	53.053	ug/l	94
29) Tetrahydrofuran	5.013	42	338941	264.228	ug/l	98
30) Chloroform	5.092	83	247884	49.246	ug/l	100
31) Cyclohexane	5.470	56	194949	44.983	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	206749	47.207	ug/l	99
36) 1,1-Dichloropropene	5.690	75	172244	45.552	ug/l	98
37) Ethyl Acetate	4.714	43	203432	51.580	ug/l	100
38) Carbon Tetrachloride	5.678	117	162306	45.312	ug/l	100
39) Methylcyclohexane	7.379	83	195814	43.993	ug/l	95
40) Benzene	6.037	78	498181	47.095	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	119765	51.145	ug/l	97
42) 1,2-Dichloroethane	6.086	62	222161	48.822	ug/l	97
43) Isopropyl Acetate	6.342	43	339661	49.388	ug/l	99
44) Trichloroethene	7.123	130	122773	45.773	ug/l	91
45) 1,2-Dichloropropane	7.427	63	135228	48.268	ug/l	98
46) Dibromomethane	7.580	93	93031	48.512	ug/l	95
47) Bromodichloromethane	7.824	83	175268	47.285	ug/l	100
48) Methyl methacrylate	7.696	41	170692	50.291	ug/l	96
49) 1,4-Dioxane	7.744	88	69138	1007.001	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	1049274	264.826	ug/l	98
52) Toluene	8.720	92	311706	46.681	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	193182	47.971	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	209050	48.451	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	130357	49.705	ug/l	100
56) Ethyl methacrylate	9.116	69	209288	49.278	ug/l	96
57) 1,3-Dichloropropane	9.305	76	235270	49.485	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	535644	247.917	ug/l	98
59) 2-Hexanone	9.433	43	800992	268.442	ug/l	97
60) Dibromochloromethane	9.518	129	120344	48.139	ug/l	99
61) 1,2-Dibromoethane	9.610	107	135218	48.936	ug/l	100
64) Tetrachloroethene	9.275	164	96693	45.194	ug/l	95
65) Chlorobenzene	10.079	112	328793	47.396	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	116711	47.580	ug/l	99
67) Ethyl Benzene	10.195	91	618516	47.407	ug/l	97
68) m/p-Xylenes	10.299	106	454952	94.338	ug/l	94
69) o-Xylene	10.640	106	228085	47.662	ug/l	95
70) Styrene	10.652	104	377361	48.928	ug/l	97
71) Bromoform	10.799	173	72882	45.158	ug/l #	100
73) Isopropylbenzene	10.963	105	598161	46.790	ug/l	98
74) N-amyl acetate	10.841	43	285335	47.870	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	203940	49.177	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	196040m	52.828	ug/l	
77) Bromobenzene	11.195	156	132274	45.586	ug/l	90
78) n-propylbenzene	11.305	91	717251	47.728	ug/l	98
79) 2-Chlorotoluene	11.366	91	438319	46.587	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	514150	47.320	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	53232	46.231	ug/l #	85
82) 4-Chlorotoluene	11.451	91	508463	46.925	ug/l	97
83) tert-Butylbenzene	11.713	119	494373	46.808	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	522763	47.916	ug/l	97
85) sec-Butylbenzene	11.890	105	626556	47.248	ug/l	98
86) p-Isopropyltoluene	12.006	119	519287	47.632	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	255802	46.407	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	258739	46.485	ug/l	98
89) n-Butylbenzene	12.329	91	470410	47.433	ug/l	97
90) Hexachloroethane	12.536	117	75376	45.616	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	257566	47.717	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45598	49.377	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	155927	47.976	ug/l	97
94) Hexachlorobutadiene	13.725	225	57728	44.749	ug/l	99
95) Naphthalene	13.774	128	556293	49.980	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	154769	48.419	ug/l	98

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

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