

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012323\
 Data File : VX033836.D
 Acq On : 23 Jan 2023 10:04
 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 01/24/2023
 Supervised By : Mahesh Dadoda 01/27/2023

Quant Time: Jan 24 01:06:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	178043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	251257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85407	45.559	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.120%		
35) Dibromofluoromethane	5.379	113	78115	50.068	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.140%		
50) Toluene-d8	8.646	98	276747	48.684	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.360%		
62) 4-Bromofluorobenzene	11.079	95	102281	48.462	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	62984	44.765	ug/l	97
3) Chloromethane	1.294	50	73107	47.040	ug/l	100
4) Vinyl Chloride	1.373	62	73143	48.495	ug/l	99
5) Bromomethane	1.617	94	48713	56.212	ug/l	100
6) Chloroethane	1.690	64	39282	42.128	ug/l	98
7) Trichlorofluoromethane	1.885	101	111519	45.594	ug/l	97
8) Diethyl Ether	2.129	74	46122	57.590	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.330	101	72503	51.415	ug/l	95
10) Methyl Iodide	2.452	142	96063	48.575	ug/l	93
11) Tert butyl alcohol	3.013	59	74582	229.019	ug/l #	97
12) 1,1-Dichloroethene	2.318	96	68386	47.205	ug/l	90
13) Acrolein	2.239	56	73097	243.274	ug/l	98
14) Allyl chloride	2.666	41	126300	46.223	ug/l	88
15) Acrylonitrile	3.068	53	201762	235.411	ug/l	99
16) Acetone	2.398	43	188605	278.242	ug/l	95
17) Carbon Disulfide	2.513	76	177963	48.593	ug/l	99
18) Methyl Acetate	2.702	43	121948	46.612	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	243512	48.397	ug/l	99
20) Methylene Chloride	2.788	84	83111	51.041	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	74083	43.743	ug/l	94
22) Diisopropyl ether	3.757	45	250338	45.536	ug/l	93
23) Vinyl Acetate	3.720	43	970963	234.614	ug/l	98
24) 1,1-Dichloroethane	3.605	63	135855	45.168	ug/l	99
25) 2-Butanone	4.562	43	277766	226.775	ug/l	96
26) 2,2-Dichloropropane	4.470	77	104510	48.508	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	88533	45.470	ug/l	98
28) Bromochloromethane	4.897	49	63167	46.105	ug/l	95
29) Tetrahydrofuran	5.007	42	173965	225.348	ug/l	97
30) Chloroform	5.092	83	137900	44.764	ug/l	99
31) Cyclohexane	5.470	56	119432	43.296	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	122753	46.670	ug/l	97
36) 1,1-Dichloropropene	5.690	75	101767	44.693	ug/l	99
37) Ethyl Acetate	4.708	43	107803	49.595	ug/l	100
38) Carbon Tetrachloride	5.671	117	114877	48.711	ug/l	100
39) Methylcyclohexane	7.378	83	129117	45.918	ug/l	95
40) Benzene	6.037	78	303154	45.677	ug/l	100

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41) Methacrylonitrile	4.915	41	62125	49.511	ug/l	97
42) 1,2-Dichloroethane	6.086	62	105636	44.913	ug/l	99
43) Isopropyl Acetate	6.336	43	173071	48.147	ug/l	98
44) Trichloroethene	7.122	130	89795	48.383	ug/l	94
45) 1,2-Dichloropropane	7.427	63	79892	48.053	ug/l	98
46) Dibromomethane	7.580	93	56377	48.547	ug/l	98
47) Bromodichloromethane	7.817	83	113459	50.696	ug/l	97
48) Methyl methacrylate	7.689	41	86306	47.663	ug/l	97
49) 1,4-Dioxane	7.732	88	39759	992.639	ug/l #	97
51) 4-Methyl-2-Pentanone	8.573	43	524009	237.360	ug/l	98
52) Toluene	8.713	92	198785	46.380	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	122129	54.567	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	132739	52.929	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	81880	48.262	ug/l	98
56) Ethyl methacrylate	9.116	69	121951	51.077	ug/l	96
57) 1,3-Dichloropropane	9.305	76	134901	49.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	280048	238.161	ug/l	99
59) 2-Hexanone	9.427	43	388021	252.525	ug/l	99
60) Dibromochloromethane	9.518	129	100150	56.940	ug/l	99
61) 1,2-Dibromoethane	9.610	107	87234	51.522	ug/l	97
64) Tetrachloroethene	9.268	164	82182	52.462	ug/l	98
65) Chlorobenzene	10.079	112	222337	48.201	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	89967	52.997	ug/l	98
67) Ethyl Benzene	10.195	91	380926	48.098	ug/l	98
68) m/p-Xylenes	10.299	106	302374	97.612	ug/l	99
69) o-Xylene	10.640	106	147975	48.168	ug/l	99
70) Styrene	10.652	104	248695	49.777	ug/l	100
71) Bromoform	10.798	173	82867	58.255	ug/l #	99
73) Isopropylbenzene	10.963	105	385343	50.023	ug/l	100
74) N-amyl acetate	10.841	43	142563	46.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	117635	52.390	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	109447m	50.883	ug/l	
77) Bromobenzene	11.195	156	103586	49.826	ug/l	99
78) n-propylbenzene	11.304	91	433137	45.342	ug/l	99
79) 2-Chlorotoluene	11.365	91	255373	49.452	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	319826	45.402	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	39760	57.449	ug/l	92
82) 4-Chlorotoluene	11.457	91	291499	49.312	ug/l	98
83) tert-Butylbenzene	11.713	119	342773	49.007	ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	320602	48.113	ug/l	100
85) sec-Butylbenzene	11.890	105	401792	48.027	ug/l	99
86) p-Isopropyltoluene	12.012	119	350757	48.972	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	191662	48.453	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	191823	47.604	ug/l	100
89) n-Butylbenzene	12.335	91	288859	49.297	ug/l	99
90) Hexachloroethane	12.536	117	66665	56.583	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	187126	49.024	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	24738	51.785	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	132730	51.622	ug/l	99
94) Hexachlorobutadiene	13.725	225	64161	50.942	ug/l	99
95) Naphthalene	13.774	128	375922	50.820	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	130918	50.886	ug/l	100

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

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