

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012422\
 Data File : VX026549.D
 Acq On : 24 Jan 2022 10:09
 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 01/25/2022
 Supervised By : Mahesh Dadoda 01/25/2022

Quant Time: Jan 25 03:23:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	106266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	171269	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67762	45.648	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.300%		
35) Dibromofluoromethane	5.385	113	53643	48.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.000%		
50) Toluene-d8	8.647	98	199618	50.085	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.180%		
62) 4-Bromofluorobenzene	11.079	95	72714	51.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	54296	43.270	ug/l	100
3) Chloromethane	1.295	50	54935	47.756	ug/l	100
4) Vinyl Chloride	1.380	62	56091	46.443	ug/l	99
5) Bromomethane	1.618	94	27628	49.589	ug/l	100
6) Chloroethane	1.691	64	27712	45.375	ug/l	100
7) Trichlorofluoromethane	1.892	101	84732	44.437	ug/l	99
8) Diethyl Ether	2.136	74	30975	45.906	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	55369	47.649	ug/l	100
10) Methyl Iodide	2.459	142	73136	57.713	ug/l	98
11) Tert butyl alcohol	3.008	59	41766	202.253	ug/l	98
12) 1,1-Dichloroethene	2.325	96	51340	46.260	ug/l	95
13) Acrolein	2.239	56	52388	238.743	ug/l	99
14) Allyl chloride	2.666	41	95819	46.949	ug/l	97
15) Acrylonitrile	3.069	53	154905	243.684	ug/l	99
16) Acetone	2.386	43	190551	251.714	ug/l	99
17) Carbon Disulfide	2.514	76	140085	43.234	ug/l	99
18) Methyl Acetate	2.703	43	72018	47.853	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	185088	45.963	ug/l	100
20) Methylene Chloride	2.794	84	58901	47.092	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	55591	46.270	ug/l	98
22) Diisopropyl ether	3.757	45	194366	46.884	ug/l	93
23) Vinyl Acetate	3.721	43	811849	237.900	ug/l	100
24) 1,1-Dichloroethane	3.611	63	105155	46.966	ug/l	99
25) 2-Butanone	4.556	43	247541	251.445	ug/l	98
26) 2,2-Dichloropropane	4.477	77	80825	48.702	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	65985	48.122	ug/l	98
28) Bromochloromethane	4.898	49	44451	48.351	ug/l	99
29) Tetrahydrofuran	5.007	42	136141	232.840	ug/l	100
30) Chloroform	5.093	83	110484	47.493	ug/l	99
31) Cyclohexane	5.471	56	98492	44.983	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	96794	47.303	ug/l	99
36) 1,1-Dichloropropene	5.690	75	80953	46.365	ug/l	98
37) Ethyl Acetate	4.709	43	84202	47.674	ug/l	99
38) Carbon Tetrachloride	5.678	117	87518	48.731	ug/l	98
39) Methylcyclohexane	7.379	83	101065	47.989	ug/l	97
40) Benzene	6.038	78	234332	48.557	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	48515	48.491	ug/l	99
42) 1,2-Dichloroethane	6.086	62	88750	47.004	ug/l	100
43) Isopropyl Acetate	6.336	43	138147	48.421	ug/l	99
44) Trichloroethene	7.123	130	68117	49.743	ug/l	98
45) 1,2-Dichloropropane	7.428	63	59885	49.713	ug/l	99
46) Dibromomethane	7.580	93	42167	49.657	ug/l	99
47) Bromodichloromethane	7.824	83	87692	51.110	ug/l	99
48) Methyl methacrylate	7.690	41	68343	48.337	ug/l	99
49) 1,4-Dioxane	7.690	88	18103	780.201	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	418579	247.355	ug/l	99
52) Toluene	8.720	92	150826	50.965	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	90492	49.363	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	98394	53.393	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	59543	51.558	ug/l	99
56) Ethyl methacrylate	9.116	69	91430	51.660	ug/l	99
57) 1,3-Dichloropropane	9.305	76	103027	51.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	241850	260.603	ug/l	99
59) 2-Hexanone	9.433	43	335773	259.248	ug/l	99
60) Dibromochloromethane	9.519	129	67414	56.017	ug/l	100
61) 1,2-Dibromoethane	9.610	107	62831	52.211	ug/l	99
64) Tetrachloroethene	9.275	164	71778	49.958	ug/l	95
65) Chlorobenzene	10.080	112	158721	49.556	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	61010	51.265	ug/l	99
67) Ethyl Benzene	10.195	91	292738	50.295	ug/l	98
68) m/p-Xylenes	10.299	106	221452	101.670	ug/l	99
69) o-Xylene	10.640	106	106278	50.566	ug/l	99
70) Styrene	10.653	104	176550	51.479	ug/l	99
71) Bromoform	10.799	173	43776	48.145	ug/l #	100
73) Isopropylbenzene	10.964	105	285424	50.424	ug/l	99
74) N-amyl acetate	10.842	43	105744	48.389	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	71084	46.786	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75270m	49.504	ug/l	
77) Bromobenzene	11.195	156	64349	49.622	ug/l	98
78) n-propylbenzene	11.305	91	329678	51.073	ug/l	100
79) 2-Chlorotoluene	11.366	91	192025	49.057	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	233162	49.963	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23573	49.014	ug/l	93
82) 4-Chlorotoluene	11.457	91	219664	48.828	ug/l	98
83) tert-Butylbenzene	11.713	119	216547	49.707	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	233251	49.972	ug/l	99
85) sec-Butylbenzene	11.890	105	290290	51.516	ug/l	99
86) p-Isopropyltoluene	12.012	119	245397	51.907	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	118782	48.867	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	120493	48.975	ug/l	99
89) n-Butylbenzene	12.335	91	211920	52.236	ug/l	100
90) Hexachloroethane	12.543	117	39447	50.000	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	115151	50.130	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17616	47.972	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	74076	50.300	ug/l	98
94) Hexachlorobutadiene	13.725	225	32548	52.355	ug/l	97
95) Naphthalene	13.780	128	245914	50.062	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73106	50.477	ug/l	99

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

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