

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012122\
 Data File : VX026537.D
 Acq On : 21 Jan 2022 10:37
 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 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

Quant Time: Jan 22 03:56:55 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	5.555	168	104941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168411	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70129	47.839	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.680%			
35) Dibromofluoromethane	5.391	113	55034	50.604	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.200%			
50) Toluene-d8	8.646	98	207902	53.049	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.100%			
62) 4-Bromofluorobenzene	11.079	95	77570	55.718	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	56904	45.921	ug/l	99
3) Chloromethane	1.294	50	57123	50.285	ug/l	99
4) Vinyl Chloride	1.379	62	58351	48.924	ug/l	98
5) Bromomethane	1.617	94	29766	54.102	ug/l	95
6) Chloroethane	1.696	64	27997	46.421	ug/l	97
7) Trichlorofluoromethane	1.892	101	88384	46.937	ug/l	99
8) Diethyl Ether	2.135	74	32350	48.550	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	56190	48.966	ug/l	99
10) Methyl Iodide	2.458	142	73865	58.923	ug/l	99
11) Tert butyl alcohol	3.013	59	48347	237.077	ug/l #	85
12) 1,1-Dichloroethene	2.324	96	52590	47.985	ug/l	95
13) Acrolein	2.239	56	54680	252.335	ug/l	100
14) Allyl chloride	2.666	41	97952	48.600	ug/l	98
15) Acrylonitrile	3.068	53	163013	259.677	ug/l	100
16) Acetone	2.391	43	185539	248.187	ug/l	98
17) Carbon Disulfide	2.519	76	142621	44.572	ug/l	99
18) Methyl Acetate	2.708	43	75134	50.554	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	187901	47.250	ug/l	99
20) Methylene Chloride	2.794	84	60206	48.744	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	57142	48.162	ug/l	98
22) Diisopropyl ether	3.763	45	200815	49.051	ug/l	94
23) Vinyl Acetate	3.720	43	833849	247.432	ug/l	99
24) 1,1-Dichloroethane	3.611	63	107649	48.687	ug/l	98
25) 2-Butanone	4.556	43	255546	262.853	ug/l	98
26) 2,2-Dichloropropane	4.476	77	77915	47.541	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	67369	49.752	ug/l	98
28) Bromochloromethane	4.897	49	42018	46.281	ug/l	99
29) Tetrahydrofuran	5.007	42	146654	253.987	ug/l	99
30) Chloroform	5.092	83	113420	49.371	ug/l	98
31) Cyclohexane	5.476	56	102678	47.487	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	97749	48.373	ug/l	99
36) 1,1-Dichloropropene	5.696	75	83986	48.919	ug/l	99
37) Ethyl Acetate	4.714	43	90031	51.840	ug/l	100
38) Carbon Tetrachloride	5.677	117	87628	49.620	ug/l	99
39) Methylcyclohexane	7.378	83	105118	50.760	ug/l	98
40) Benzene	6.037	78	240773	50.738	ug/l	99

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41) Methacrylonitrile	4.921	41	49763	50.582	ug/l	97
42) 1,2-Dichloroethane	6.086	62	91460	49.261	ug/l	100
43) Isopropyl Acetate	6.336	43	142592	50.828	ug/l	99
44) Trichloroethene	7.128	130	69575	51.670	ug/l	95
45) 1,2-Dichloropropane	7.433	63	62113	52.438	ug/l	96
46) Dibromomethane	7.580	93	42872	51.344	ug/l	99
47) Bromodichloromethane	7.823	83	88038	52.182	ug/l	99
48) Methyl methacrylate	7.689	41	72054	51.826	ug/l	99
49) 1,4-Dioxane	7.701	88	21759	953.681	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	442053	265.660	ug/l	99
52) Toluene	8.720	92	155423	53.410	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	89299	49.532	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	98357	54.279	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	61812	54.431	ug/l	99
56) Ethyl methacrylate	9.116	69	95091	54.640	ug/l	98
57) 1,3-Dichloropropane	9.311	76	106169	53.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	241238	264.355	ug/l	100
59) 2-Hexanone	9.433	43	345696	271.439	ug/l	99
60) Dibromochloromethane	9.524	129	66655	56.326	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64429	54.448	ug/l	99
64) Tetrachloroethene	9.274	164	76144	52.315	ug/l	95
65) Chlorobenzene	10.079	112	164532	50.709	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	61242	50.798	ug/l	99
67) Ethyl Benzene	10.195	91	303531	51.479	ug/l	100
68) m/p-Xylenes	10.305	106	230444	104.437	ug/l	99
69) o-Xylene	10.640	106	112091	52.646	ug/l	98
70) Styrene	10.658	104	187052	53.839	ug/l	99
71) Bromoform	10.798	173	44109	47.899	ug/l #	99
73) Isopropylbenzene	10.963	105	294864	51.508	ug/l	99
74) N-amyl acetate	10.847	43	111122	50.281	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	74813	48.689	ug/l	100
76) 1,2,3-Trichloropropane	11.243	75	77599m	50.464	ug/l	
77) Bromobenzene	11.201	156	67347	51.353	ug/l	97
78) n-propylbenzene	11.304	91	343969	52.691	ug/l	100
79) 2-Chlorotoluene	11.365	91	201193	50.824	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	247894	52.525	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23479	48.347	ug/l	97
82) 4-Chlorotoluene	11.457	91	232827	51.174	ug/l	99
83) tert-Butylbenzene	11.713	119	228329	51.825	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	244147	51.721	ug/l	99
85) sec-Butylbenzene	11.890	105	304509	53.434	ug/l	100
86) p-Isopropyltoluene	12.012	119	257061	53.766	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	125467	51.040	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	127355	51.185	ug/l	100
89) n-Butylbenzene	12.335	91	225511	54.963	ug/l	100
90) Hexachloroethane	12.542	117	38883	48.789	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	119014	51.232	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	18074	48.669	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	78627	52.793	ug/l	99
94) Hexachlorobutadiene	13.725	225	33251	52.887	ug/l	98
95) Naphthalene	13.780	128	260037	52.344	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	77157	52.677	ug/l	99

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

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