

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026750.D
 Acq On : 02 Feb 2022 20:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Feb 03 03:09:47 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	5.562	168	96350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	157346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57244	42.531	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.060%		
35) Dibromofluoromethane	5.391	113	47172	46.425	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.840%		
50) Toluene-d8	8.653	98	166987	45.605	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.220%#		
62) 4-Bromofluorobenzene	11.085	95	60010	46.136	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	41648	36.606	ug/l	99
3) Chloromethane	1.295	50	40155	38.500	ug/l	99
4) Vinyl Chloride	1.380	62	44567	40.699	ug/l	99
5) Bromomethane	1.612	94	16176	32.022	ug/l	96
6) Chloroethane	1.691	64	27627	49.892	ug/l	100
7) Trichlorofluoromethane	1.892	101	71753	41.503	ug/l	100
8) Diethyl Ether	2.136	74	27056	44.225	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	48557	46.087	ug/l	98
10) Methyl Iodide	2.459	142	61017	53.460	ug/l	97
11) Tert butyl alcohol	2.977	59	48212	257.495	ug/l #	95
12) 1,1-Dichloroethene	2.325	96	45753	45.469	ug/l	92
13) Acrolein	2.239	56	58967	296.381	ug/l	100
14) Allyl chloride	2.672	41	85977	46.462	ug/l	96
15) Acrylonitrile	3.069	53	148393	257.465	ug/l	100
16) Acetone	2.386	43	121150	176.507	ug/l	96
17) Carbon Disulfide	2.514	76	104615	35.610	ug/l	98
18) Methyl Acetate	2.709	43	70000	51.299	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	175245	47.997	ug/l	100
20) Methylene Chloride	2.794	84	52920	46.665	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	50316	46.190	ug/l	94
22) Diisopropyl ether	3.764	45	180423	47.999	ug/l	96
23) Vinyl Acetate	3.727	43	775225	250.547	ug/l	98
24) 1,1-Dichloroethane	3.617	63	97126	47.845	ug/l	99
25) 2-Butanone	4.562	43	202144	226.464	ug/l	97
26) 2,2-Dichloropropane	4.483	77	70187	46.644	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	60779	48.887	ug/l	97
28) Bromochloromethane	4.904	49	38628	46.341	ug/l	97
29) Tetrahydrofuran	5.007	42	135828	256.213	ug/l	99
30) Chloroform	5.105	83	100825	47.801	ug/l	99
31) Cyclohexane	5.477	56	84182	42.404	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	87550	47.189	ug/l	100
36) 1,1-Dichloropropene	5.696	75	71548	44.605	ug/l	99
37) Ethyl Acetate	4.721	43	82706	50.971	ug/l	99
38) Carbon Tetrachloride	5.684	117	76249	46.213	ug/l	95
39) Methylcyclohexane	7.385	83	85961	44.429	ug/l	97
40) Benzene	6.044	78	211672	47.743	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46479	50.566	ug/l	97
42) 1,2-Dichloroethane	6.092	62	78070	45.006	ug/l	98
43) Isopropyl Acetate	6.342	43	134451	51.296	ug/l	98
44) Trichloroethene	7.129	130	62189	49.432	ug/l	94
45) 1,2-Dichloropropane	7.434	63	55692	50.323	ug/l	97
46) Dibromomethane	7.586	93	38681	49.582	ug/l	99
47) Bromodichloromethane	7.824	83	77273	49.022	ug/l	98
48) Methyl methacrylate	7.696	41	64659	49.778	ug/l	96
49) 1,4-Dioxane	7.678	88	19485	914.070	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	396672	255.151	ug/l	98
52) Toluene	8.720	92	131798	48.476	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	77643	46.226	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	87953	51.950	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	53897	50.799	ug/l	98
56) Ethyl methacrylate	9.116	69	85587	52.637	ug/l	96
57) 1,3-Dichloropropane	9.311	76	92318	50.188	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	212834	249.630	ug/l	99
59) 2-Hexanone	9.433	43	285754	240.151	ug/l	97
60) Dibromochloromethane	9.525	129	57752	52.235	ug/l	100
61) 1,2-Dibromoethane	9.610	107	55874	50.539	ug/l	100
64) Tetrachloroethene	9.275	164	65051	51.467	ug/l	96
65) Chlorobenzene	10.080	112	137159	48.679	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	53638	51.234	ug/l	99
67) Ethyl Benzene	10.195	91	247408	48.320	ug/l	100
68) m/p-Xylenes	10.305	106	188742	98.501	ug/l	97
69) o-Xylene	10.647	106	92146	49.837	ug/l	96
70) Styrene	10.659	104	154340	51.156	ug/l	98
71) Bromoform	10.799	173	37640	47.108	ug/l #	100
73) Isopropylbenzene	10.964	105	243134	47.912	ug/l	98
74) N-amyl acetate	10.848	43	103376	52.767	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	67602	49.631	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	69115m	50.704	ug/l	
77) Bromobenzene	11.201	156	56121	48.274	ug/l	97
78) n-propylbenzene	11.305	91	274144	47.374	ug/l	100
79) 2-Chlorotoluene	11.366	91	163131	46.487	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	199018	47.571	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20445	47.580	ug/l	94
82) 4-Chlorotoluene	11.457	91	185329	45.952	ug/l	97
83) tert-Butylbenzene	11.713	119	190073	48.668	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	199269	47.621	ug/l	98
85) sec-Butylbenzene	11.890	105	246051	48.706	ug/l	99
86) p-Isopropyltoluene	12.012	119	209776	49.496	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	105434	48.384	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	104489	47.374	ug/l	99
89) n-Butylbenzene	12.335	91	173567	47.722	ug/l	99
90) Hexachloroethane	12.543	117	32712	46.414	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	103157	50.094	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16662	50.613	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	66960	50.718	ug/l	99
94) Hexachlorobutadiene	13.725	225	27357	49.086	ug/l	99
95) Naphthalene	13.774	128	237680	53.972	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67781	52.204	ug/l	99

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

