

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026837.D
 Acq On : 08 Feb 2022 21:01
 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 : John Carlone 02/09/2022
 Supervised By : Mahesh Dadoda 02/09/2022

Quant Time: Feb 09 03:07:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	102338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	166094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60370	49.143	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.280%		
35) Dibromofluoromethane	5.391	113	48891	49.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	8.653	98	180200	49.609	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.220%		
62) 4-Bromofluorobenzene	11.079	95	62710	49.037	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	55878	50.215	ug/l	100
3) Chloromethane	1.294	50	49920	48.223	ug/l	99
4) Vinyl Chloride	1.380	62	53501	49.371	ug/l	99
5) Bromomethane	1.611	94	19926	43.333	ug/l	98
6) Chloroethane	1.691	64	31555	54.014	ug/l	100
7) Trichlorofluoromethane	1.892	101	77789	48.780	ug/l	100
8) Diethyl Ether	2.136	74	29249	49.513	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	51542	49.308	ug/l	98
10) Methyl Iodide	2.459	142	61969	43.070	ug/l	96
11) Tert butyl alcohol	2.977	59	55235	248.889	ug/l #	89
12) 1,1-Dichloroethene	2.325	96	51342	49.021	ug/l	91
13) Acrolein	2.239	56	53291	259.843	ug/l	98
14) Allyl chloride	2.672	41	93397	50.344	ug/l	97
15) Acrylonitrile	3.069	53	154719	243.285	ug/l	99
16) Acetone	2.386	43	126163	233.830	ug/l	96
17) Carbon Disulfide	2.514	76	143144	48.280	ug/l	99
18) Methyl Acetate	2.709	43	71942	46.342	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	182598	49.255	ug/l	98
20) Methylene Chloride	2.794	84	56785	48.572	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	55326	50.200	ug/l	97
22) Diisopropyl ether	3.764	45	185507	49.666	ug/l	98
23) Vinyl Acetate	3.727	43	808375	257.417	ug/l	98
24) 1,1-Dichloroethane	3.617	63	101500	50.220	ug/l	98
25) 2-Butanone	4.562	43	214076	246.261	ug/l	99
26) 2,2-Dichloropropane	4.483	77	73558	53.866	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	63777	50.401	ug/l	96
28) Bromochloromethane	4.904	49	41406	49.422	ug/l	97
29) Tetrahydrofuran	5.013	42	143288	242.457	ug/l	98
30) Chloroform	5.099	83	103628	49.349	ug/l	98
31) Cyclohexane	5.477	56	96473	49.424	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	93060	50.265	ug/l	99
36) 1,1-Dichloropropene	5.702	75	77484	49.635	ug/l	98
37) Ethyl Acetate	4.721	43	86451	48.729	ug/l	98
38) Carbon Tetrachloride	5.684	117	82465	50.375	ug/l	98
39) Methylcyclohexane	7.385	83	97338	50.844	ug/l	97
40) Benzene	6.044	78	226571	49.799	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	47900	49.816	ug/l	97
42) 1,2-Dichloroethane	6.092	62	82372	51.378	ug/l	99
43) Isopropyl Acetate	6.342	43	139922	51.259	ug/l	98
44) Trichloroethene	7.129	130	66986	49.035	ug/l	95
45) 1,2-Dichloropropane	7.434	63	57758	50.175	ug/l	99
46) Dibromomethane	7.586	93	40574	50.939	ug/l	97
47) Bromodichloromethane	7.824	83	79728	52.268	ug/l	99
48) Methyl methacrylate	7.696	41	67468	49.883	ug/l	97
49) 1,4-Dioxane	7.684	88	24148	1036.094	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	413136	249.757	ug/l	98
52) Toluene	8.720	92	142327	49.410	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	81168	49.177	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	90449	53.699	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	55874	51.237	ug/l	98
56) Ethyl methacrylate	9.116	69	89868	51.988	ug/l	95
57) 1,3-Dichloropropane	9.311	76	95799	51.158	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	228292	257.303	ug/l	98
59) 2-Hexanone	9.433	43	304504	251.676	ug/l	97
60) Dibromochloromethane	9.525	129	59605	53.121	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59413	51.566	ug/l	100
64) Tetrachloroethene	9.275	164	70686	49.609	ug/l	95
65) Chlorobenzene	10.079	112	146960	50.089	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	55353	51.286	ug/l	99
67) Ethyl Benzene	10.195	91	265211	51.073	ug/l	99
68) m/p-Xylenes	10.305	106	201567	100.889	ug/l	98
69) o-Xylene	10.646	106	97908	50.012	ug/l	96
70) Styrene	10.659	104	160392	50.515	ug/l	98
71) Bromoform	10.799	173	39843	47.753	ug/l #	98
73) Isopropylbenzene	10.963	105	256853	50.930	ug/l	99
74) N-amyl acetate	10.848	43	104969	52.091	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	68176	49.814	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	69609m	49.665	ug/l	
77) Bromobenzene	11.201	156	59656	49.763	ug/l	96
78) n-propylbenzene	11.305	91	288917	51.675	ug/l	99
79) 2-Chlorotoluene	11.366	91	171952	49.776	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	210045	50.604	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21519	48.140	ug/l	92
82) 4-Chlorotoluene	11.457	91	195325	50.401	ug/l	98
83) tert-Butylbenzene	11.719	119	201143	50.844	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	210305	50.232	ug/l	98
85) sec-Butylbenzene	11.890	105	255811	51.013	ug/l	99
86) p-Isopropyltoluene	12.012	119	215753	50.786	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	109542	49.868	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	109403	49.385	ug/l	98
89) n-Butylbenzene	12.335	91	180646	51.972	ug/l	99
90) Hexachloroethane	12.542	117	32639	53.157	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	106880	50.426	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17355	51.565	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	68781	51.419	ug/l	99
94) Hexachlorobutadiene	13.725	225	27452	48.519	ug/l	99
95) Naphthalene	13.780	128	242839	51.828	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68792	50.789	ug/l	99

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

