

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027414.D
 Acq On : 11 Mar 2022 20:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 11 23:15:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	342093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	533306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	485147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	245759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	173079	43.386	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.780%		
35) Dibromofluoromethane	5.391	113	168261	48.896	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.800%		
50) Toluene-d8	8.653	98	619306	47.670	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.340%		
62) 4-Bromofluorobenzene	11.085	95	228327	46.113	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	155844	44.443	ug/l	100
3) Chloromethane	1.294	50	139092	37.721	ug/l	100
4) Vinyl Chloride	1.373	62	156015	41.167	ug/l	100
5) Bromomethane	1.599	94	49647	30.375	ug/l	97
6) Chloroethane	1.678	64	93399	41.884	ug/l	100
7) Trichlorofluoromethane	1.879	101	231402	43.846	ug/l	99
8) Diethyl Ether	2.135	74	87921	42.754	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.324	101	155719	45.131	ug/l	94
10) Methyl Iodide	2.452	142	136527	28.033	ug/l	99
11) Tert butyl alcohol	2.971	59	180674	231.021	ug/l	100
12) 1,1-Dichloroethene	2.318	96	152301	45.915	ug/l	90
13) Acrolein	2.239	56	107448	196.001	ug/l	98
14) Allyl chloride	2.666	41	222341	42.734	ug/l	95
15) Acrylonitrile	3.068	53	471063	228.871	ug/l	100
16) Acetone	2.385	43	358635	231.749	ug/l	99
17) Carbon Disulfide	2.507	76	364711	40.470	ug/l	99
18) Methyl Acetate	2.708	43	193161	44.047	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	504112	45.870	ug/l	100
20) Methylene Chloride	2.788	84	174384	44.744	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	165430	44.870	ug/l	94
22) Diisopropyl ether	3.763	45	464672	44.675	ug/l #	90
23) Vinyl Acetate	3.727	43	1974357	226.905	ug/l	99
24) 1,1-Dichloroethane	3.611	63	284540	45.054	ug/l	100
25) 2-Butanone	4.562	43	612594	222.930	ug/l	98
26) 2,2-Dichloropropane	4.476	77	189173	41.776	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	199348	46.604	ug/l	90
28) Bromochloromethane	4.903	49	104926	39.929	ug/l	87
29) Tetrahydrofuran	5.007	42	407609	224.180	ug/l	97
30) Chloroform	5.098	83	304566	45.690	ug/l	100
31) Cyclohexane	5.470	56	247326	44.322	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	264399	46.408	ug/l	97
36) 1,1-Dichloropropene	5.696	75	217643	45.553	ug/l	96
37) Ethyl Acetate	4.714	43	230037	45.676	ug/l	98
38) Carbon Tetrachloride	5.684	117	239305	48.438	ug/l	98
39) Methylcyclohexane	7.385	83	278441	46.151	ug/l	99
40) Benzene	6.043	78	682591	46.907	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	124563	45.873	ug/l	98
42) 1,2-Dichloroethane	6.092	62	219803	46.239	ug/l	98
43) Isopropyl Acetate	6.348	43	342800	45.153	ug/l	98
44) Trichloroethene	7.128	130	195733	48.972	ug/l	98
45) 1,2-Dichloropropane	7.433	63	171017	46.902	ug/l	96
46) Dibromomethane	7.586	93	125319	48.308	ug/l	94
47) Bromodichloromethane	7.823	83	233435	48.726	ug/l	98
48) Methyl methacrylate	7.695	41	174669	46.266	ug/l	94
49) 1,4-Dioxane	7.665	88	99670	1008.173	ug/l	94
51) 4-Methyl-2-Pentanone	8.579	43	1172552	230.688	ug/l	99
52) Toluene	8.720	92	451060	48.622	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	240911	49.010	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	267834	48.540	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	189577	48.967	ug/l	99
56) Ethyl methacrylate	9.116	69	276880	48.486	ug/l	98
57) 1,3-Dichloropropane	9.311	76	298386	47.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	680916	236.165	ug/l	97
59) 2-Hexanone	9.433	43	901980	229.728	ug/l	98
60) Dibromochloromethane	9.524	129	200232	50.675	ug/l	98
61) 1,2-Dibromoethane	9.610	107	197517	49.403	ug/l	97
64) Tetrachloroethene	9.274	164	171532	50.453	ug/l	98
65) Chlorobenzene	10.079	112	497405	48.732	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	185191	51.895	ug/l	98
67) Ethyl Benzene	10.195	91	852985	48.460	ug/l	96
68) m/p-Xylenes	10.305	106	691561	100.164	ug/l	97
69) o-Xylene	10.646	106	340512	49.954	ug/l	96
70) Styrene	10.658	104	563887	49.836	ug/l	99
71) Bromoform	10.805	173	153742	52.754	ug/l	99
73) Isopropylbenzene	10.963	105	867740	48.278	ug/l	99
74) N-amyl acetate	10.847	43	296764	45.175	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	284644	46.085	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	252323m	46.796	ug/l	
77) Bromobenzene	11.201	156	225511	49.720	ug/l	91
78) n-propylbenzene	11.305	91	963153	47.639	ug/l	97
79) 2-Chlorotoluene	11.365	91	586120	46.385	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	738159	47.902	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	80515	48.292	ug/l	97
82) 4-Chlorotoluene	11.457	91	659715	46.152	ug/l	96
83) tert-Butylbenzene	11.719	119	745950	48.429	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	738720	48.335	ug/l	99
85) sec-Butylbenzene	11.896	105	888361	47.819	ug/l	99
86) p-Isopropyltoluene	12.012	119	766911	48.760	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	414139	48.601	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	414735	48.073	ug/l	99
89) n-Butylbenzene	12.335	91	631087	47.903	ug/l	97
90) Hexachloroethane	12.542	117	122422	49.939	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	410403	48.849	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	63777	49.283	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	270414	49.034	ug/l	99
94) Hexachlorobutadiene	13.725	225	117342	48.525	ug/l	93
95) Naphthalene	13.780	128	937363	50.631	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	273056	49.547	ug/l	96

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

