

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026236.D
 Acq On : 03 Jan 2022 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 04 03:55:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	136646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101998	51.596	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.200%			
35) Dibromofluoromethane	5.391	113	73929	49.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.300%			
50) Toluene-d8	8.653	98	267548	47.818	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.640%			
62) 4-Bromofluorobenzene	11.079	95	99136	49.772	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	69539	48.455	ug/l	96
3) Chloromethane	1.294	50	73534	44.018	ug/l	99
4) Vinyl Chloride	1.380	62	76227	43.357	ug/l	99
5) Bromomethane	1.605	94	45458	41.896	ug/l	97
6) Chloroethane	1.685	64	50404	40.771	ug/l	99
7) Trichlorofluoromethane	1.892	101	133206	43.984	ug/l	99
8) Diethyl Ether	2.136	74	47632	45.783	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	75295	47.160	ug/l	98
10) Methyl Iodide	2.453	142	98575	47.743	ug/l	97
11) Tert butyl alcohol	2.959	59	80100	202.864	ug/l	99
12) 1,1-Dichloroethene	2.325	96	71360	47.161	ug/l	91
13) Acrolein	2.239	56	40989	290.312	ug/l	100
14) Allyl chloride	2.666	41	137212	45.886	ug/l	95
15) Acrylonitrile	3.062	53	228239	233.472	ug/l	99
16) Acetone	2.380	43	226301	211.280	ug/l	96
17) Carbon Disulfide	2.514	76	187619	43.204	ug/l	99
18) Methyl Acetate	2.703	43	161098	46.369	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	264675	50.078	ug/l	98
20) Methylene Chloride	2.794	84	81014	47.252	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	77390	46.884	ug/l	92
22) Diisopropyl ether	3.763	45	279322	48.941	ug/l	92
23) Vinyl Acetate	3.727	43	1122589	247.705	ug/l	96
24) 1,1-Dichloroethane	3.611	63	150835	48.767	ug/l	99
25) 2-Butanone	4.556	43	340160	227.985	ug/l	97
26) 2,2-Dichloropropane	4.483	77	114207	49.008	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	91848	48.909	ug/l	91
28) Bromochloromethane	4.897	49	67386	49.155	ug/l	87
29) Tetrahydrofuran	5.001	42	222549	236.647	ug/l	95
30) Chloroform	5.099	83	159680	48.810	ug/l	95
31) Cyclohexane	5.476	56	137296	48.769	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	141551	49.772	ug/l	97
36) 1,1-Dichloropropene	5.696	75	116689	48.097	ug/l	97
37) Ethyl Acetate	4.714	43	132284	47.024	ug/l	99
38) Carbon Tetrachloride	5.684	117	126653	46.930	ug/l	96
39) Methylcyclohexane	7.385	83	132686	48.484	ug/l	96
40) Benzene	6.043	78	326381	47.136	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	74030	46.602	ug/l	94
42) 1,2-Dichloroethane	6.092	62	137804	49.176	ug/l	96
43) Isopropyl Acetate	6.342	43	211055	46.034	ug/l	97
44) Trichloroethene	7.129	130	90333	48.483	ug/l	97
45) 1,2-Dichloropropane	7.433	63	83757	47.292	ug/l	95
46) Dibromomethane	7.580	93	61684	46.955	ug/l	97
47) Bromodichloromethane	7.824	83	124141	46.448	ug/l	97
48) Methyl methacrylate	7.696	41	106114	48.260	ug/l	94
49) 1,4-Dioxane	7.659	88	32015	790.093	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	667214	233.855	ug/l	97
52) Toluene	8.720	92	204962	48.082	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	123621	43.736	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	134558	47.633	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	81661	46.611	ug/l	97
56) Ethyl methacrylate	9.116	69	133565	49.431	ug/l	91
57) 1,3-Dichloropropane	9.311	76	143243	47.732	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	341013	236.633	ug/l	95
59) 2-Hexanone	9.433	43	502711	232.609	ug/l	96
60) Dibromochloromethane	9.525	129	88931	44.809	ug/l	99
61) 1,2-Dibromoethane	9.610	107	87825	46.852	ug/l	99
64) Tetrachloroethene	9.275	164	88647	51.634	ug/l	97
65) Chlorobenzene	10.079	112	210969	47.205	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	81774	48.017	ug/l	99
67) Ethyl Benzene	10.195	91	395730	49.520	ug/l	98
68) m/p-Xylenes	10.305	106	294824	98.809	ug/l	92
69) o-Xylene	10.640	106	144354	49.446	ug/l	94
70) Styrene	10.659	104	241488	50.457	ug/l	96
71) Bromoform	10.799	173	61409	44.449	ug/l #	98
73) Isopropylbenzene	10.963	105	382388	48.650	ug/l	98
74) N-amyl acetate	10.847	43	174194	48.265	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	115345	43.150	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	116510m	47.735	ug/l	
77) Bromobenzene	11.201	156	87805	47.106	ug/l	90
78) n-propylbenzene	11.305	91	450557	49.856	ug/l	97
79) 2-Chlorotoluene	11.366	91	271418	48.791	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	322483	49.440	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	35223	41.749	ug/l	86
82) 4-Chlorotoluene	11.457	91	313691	49.931	ug/l	95
83) tert-Butylbenzene	11.713	119	302397	47.763	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	326194	50.049	ug/l	97
85) sec-Butylbenzene	11.890	105	389038	49.240	ug/l	99
86) p-Isopropyltoluene	12.012	119	328584	49.888	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	168483	48.150	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	170821	45.532	ug/l	99
89) n-Butylbenzene	12.335	91	284835	48.662	ug/l	99
90) Hexachloroethane	12.542	117	53909	40.979	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	165878	45.699	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	29343	42.880	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	99508	46.391	ug/l	100
94) Hexachlorobutadiene	13.725	225	40201	45.139	ug/l	98
95) Naphthalene	13.780	128	360372	46.112	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	101354	46.442	ug/l	98

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

