

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
 Data File : VX027742.D
 Acq On : 26 Mar 2022 21:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 28 05:22:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	62877	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	106870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93010	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48570	47.097	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.200%
35) Dibromofluoromethane	5.391	113	34847	49.653	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.300%
50) Toluene-d8	8.653	98	129589	47.767	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.540%
62) 4-Bromofluorobenzene	11.085	95	53835	48.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	39996	54.839	ug/l	98
3) Chloromethane	1.294	50	37929	50.189	ug/l	100
4) Vinyl Chloride	1.374	62	37461	51.607	ug/l	100
5) Bromomethane	1.599	94	13409	46.011	ug/l	93
6) Chloroethane	1.679	64	22161	47.574	ug/l	99
7) Trichlorofluoromethane	1.880	101	55092	51.416	ug/l	95
8) Diethyl Ether	2.136	74	20971	54.230	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	35505	49.548	ug/l	94
10) Methyl Iodide	2.453	142	38642	51.358	ug/l	92
11) Tert butyl alcohol	2.971	59	50320	262.068	ug/l	97
12) 1,1-Dichloroethene	2.319	96	33252	49.786	ug/l	91
13) Acrolein	2.239	56	31788	236.515	ug/l	96
14) Allyl chloride	2.660	41	62216	49.241	ug/l #	91
15) Acrylonitrile	3.069	53	127183	270.471	ug/l	100
16) Acetone	2.380	43	113868	261.078	ug/l	89
17) Carbon Disulfide	2.508	76	73207	40.855	ug/l	99
18) Methyl Acetate	2.703	43	58050	52.045	ug/l	89
19) Methyl tert-butyl Ether	3.117	73	124878	50.931	ug/l	98
20) Methylene Chloride	2.788	84	39992	51.395	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	36022	48.490	ug/l	99
22) Diisopropyl ether	3.764	45	133827	53.159	ug/l #	84
23) Vinyl Acetate	3.727	43	590859	268.402	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	74917	52.519	ug/l	96
25) 2-Butanone	4.556	43	187782	268.093	ug/l #	87
26) 2,2-Dichloropropane	4.483	77	44926	41.186	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	44254	53.482	ug/l	94
28) Bromochloromethane	4.904	49	27574	48.461	ug/l #	7
29) Tetrahydrofuran	5.007	42	121909	344.755	ug/l #	85
30) Chloroform	5.099	83	77644	54.318	ug/l	96
31) Cyclohexane	5.471	56	62929	50.325	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	65206	51.326	ug/l	97
36) 1,1-Dichloropropene	5.696	75	55998	50.517	ug/l	96
37) Ethyl Acetate	4.715	43	69449	53.826	ug/l	96
38) Carbon Tetrachloride	5.678	117	53537	49.423	ug/l	98
39) Methylcyclohexane	7.385	83	63827	50.055	ug/l	93
40) Benzene	6.044	78	157322	51.378	ug/l	96

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41) Methacrylonitrile	4.922	41	36761	54.392	ug/l	90
42) 1,2-Dichloroethane	6.092	62	63117	48.486	ug/l	95
43) Isopropyl Acetate	6.342	43	106897	54.857	ug/l	93
44) Trichloroethene	7.129	130	38683	48.825	ug/l	92
45) 1,2-Dichloropropane	7.434	63	42935	53.426	ug/l	97
46) Dibromomethane	7.580	93	29443	51.198	ug/l	91
47) Bromodichloromethane	7.824	83	53487	47.492	ug/l	97
48) Methyl methacrylate	7.696	41	52754	57.032	ug/l #	83
49) 1,4-Dioxane	7.659	88	21844	1062.600	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	385563	288.226	ug/l	87
52) Toluene	8.720	92	100129	52.306	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	61851	49.560	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	66104	53.242	ug/l #	76
55) 1,1,2-Trichloroethane	9.153	97	40605	52.210	ug/l	89
56) Ethyl methacrylate	9.116	69	73469	57.796	ug/l #	71
57) 1,3-Dichloropropane	9.311	76	74127	52.837	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	178803	274.738	ug/l	91
59) 2-Hexanone	9.433	43	300850	287.794	ug/l	83
60) Dibromochloromethane	9.525	129	38502	51.177	ug/l	96
61) 1,2-Dibromoethane	9.610	107	43320	52.161	ug/l	100
64) Tetrachloroethene	9.275	164	34797	57.846	ug/l	94
65) Chlorobenzene	10.079	112	102327	52.219	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	37174	55.198	ug/l	97
67) Ethyl Benzene	10.195	91	198330	54.340	ug/l	100
68) m/p-Xylenes	10.305	106	142167	107.467	ug/l	86
69) o-Xylene	10.646	106	71798	54.010	ug/l	87
70) Styrene	10.659	104	120985	57.250	ug/l #	91
71) Bromoform	10.805	173	23967	49.119	ug/l #	98
73) Isopropylbenzene	10.963	105	189282	53.347	ug/l	96
74) N-amyl acetate	10.848	43	100707	59.138	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	67807	54.237	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	63945m	53.166	ug/l	
77) Bromobenzene	11.201	156	42185	53.813	ug/l	80
78) n-propylbenzene	11.305	91	227702	54.090	ug/l	97
79) 2-Chlorotoluene	11.366	91	141414	53.285	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	167736	55.003	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.018	75	17620	49.866	ug/l #	71
82) 4-Chlorotoluene	11.457	91	163168	53.445	ug/l	92
83) tert-Butylbenzene	11.719	119	152297	54.361	ug/l	83
84) 1,2,4-Trimethylbenzene	11.756	105	169302	54.696	ug/l	93
85) sec-Butylbenzene	11.890	105	197991	53.949	ug/l	96
86) p-Isopropyltoluene	12.012	119	158655	54.930	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	78049	53.252	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	77625	51.127	ug/l	95
89) n-Butylbenzene	12.335	91	150829	55.160	ug/l	93
90) Hexachloroethane	12.542	117	22216	48.197	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	76319	53.700	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15987	52.173	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	49964	59.648	ug/l	97
94) Hexachlorobutadiene	13.725	225	22437	55.006	ug/l	92
95) Naphthalene	13.780	128	190094	61.793	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	49064	58.596	ug/l	95

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

