

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023559.D
 Acq On : 04 Aug 2021 22:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:41:04 PM

Quant Time: Aug 05 06:11:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	203934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	335818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	135304	53.188	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.380%			
35) Dibromofluoromethane	5.397	113	107039	50.979	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.960%			
50) Toluene-d8	8.653	98	402781	52.212	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.420%			
62) 4-Bromofluorobenzene	11.085	95	142381	54.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	93465	49.816	ug/l	98
3) Chloromethane	1.294	50	109840	50.257	ug/l	97
4) Vinyl Chloride	1.374	62	110731	50.051	ug/l	98
5) Bromomethane	1.599	94	67012	51.019	ug/l	99
6) Chloroethane	1.679	64	72784	53.605	ug/l	100
7) Trichlorofluoromethane	1.880	101	179795	50.442	ug/l	95
8) Diethyl Ether	2.136	74	66846	50.811	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	102311	50.665	ug/l	97
10) Methyl Iodide	2.453	142	141007	55.733	ug/l	98
11) Tert butyl alcohol	2.983	59	146474	252.050	ug/l	98
12) 1,1-Dichloroethene	2.319	96	99136	49.474	ug/l	97
13) Acrolein	2.239	56	73717	249.530	ug/l	96
14) Allyl chloride	2.666	41	180610	49.576	ug/l	93
15) Acrylonitrile	3.075	53	347704	264.963	ug/l	98
16) Acetone	2.392	43	308187	246.967	ug/l	94
17) Carbon Disulfide	2.508	76	219851	44.495	ug/l	100
18) Methyl Acetate	2.715	43	159303	53.701	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	361077	51.825	ug/l	100
20) Methylene Chloride	2.794	84	118331	48.749	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	106432	50.000	ug/l	99
22) Diisopropyl ether	3.776	45	377310	52.467	ug/l	92
23) Vinyl Acetate	3.733	43	1687862	265.876	ug/l	95
24) 1,1-Dichloroethane	3.617	63	204369	51.704	ug/l	97
25) 2-Butanone	4.574	43	505598	260.979	ug/l	93
26) 2,2-Dichloropropane	4.483	77	140173	43.360	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	128562	52.006	ug/l	99
28) Bromochloromethane	4.910	49	97200	52.692	ug/l	94
29) Tetrahydrofuran	5.019	42	330460	260.234	ug/l	89
30) Chloroform	5.105	83	213905	52.873	ug/l	97
31) Cyclohexane	5.477	56	179498	47.632	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	183550	53.087	ug/l	98
36) 1,1-Dichloropropene	5.702	75	152346	50.150	ug/l	99
37) Ethyl Acetate	4.727	43	192388	50.229	ug/l #	94
38) Carbon Tetrachloride	5.684	117	159903	51.758	ug/l	99
39) Methylcyclohexane	7.385	83	185748	48.416	ug/l	97
40) Benzene	6.050	78	455314	50.551	ug/l	98

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41) Methacrylonitrile	4.934	41	106908	52.862	ug/l	92
42) 1,2-Dichloroethane	6.098	62	176894	53.116	ug/l	96
43) Isopropyl Acetate	6.348	43	305175	51.418	ug/l	93
44) Trichloroethene	7.135	130	122331	49.438	ug/l	99
45) 1,2-Dichloropropane	7.440	63	121263	50.877	ug/l	98
46) Dibromomethane	7.586	93	85972	53.178	ug/l	98
47) Bromodichloromethane	7.830	83	158088	54.276	ug/l	100
48) Methyl methacrylate	7.696	41	150293	54.676	ug/l	86
49) 1,4-Dioxane	7.665	88	59440	1015.519	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	996473	274.493	ug/l	91
52) Toluene	8.720	92	294005	52.687	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	177965	48.241	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	188972	52.045	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	125491	55.536	ug/l	99
56) Ethyl methacrylate	9.122	69	198995	54.940	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	209357	54.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	514575	268.180	ug/l	96
59) 2-Hexanone	9.433	43	754577	273.723	ug/l	87
60) Dibromochloromethane	9.525	129	126185	50.369	ug/l	99
61) 1,2-Dibromoethane	9.616	107	133474	55.365	ug/l	100
64) Tetrachloroethene	9.275	164	106466	42.865	ug/l	93
65) Chlorobenzene	10.086	112	323260	50.608	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	119736	48.807	ug/l	98
67) Ethyl Benzene	10.195	91	574044	51.818	ug/l	99
68) m/p-Xylenes	10.305	106	435672	102.257	ug/l	99
69) o-Xylene	10.646	106	214247	50.721	ug/l	98
70) Styrene	10.659	104	355879	53.175	ug/l	99
71) Bromoform	10.805	173	86883	45.503	ug/l	99
73) Isopropylbenzene	10.963	105	566603	53.164	ug/l	99
74) N-amyl acetate	10.848	43	257220	52.902	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	182303	52.511	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	163091m	52.473	ug/l	
77) Bromobenzene	11.201	156	138651	53.930	ug/l	94
78) n-propylbenzene	11.305	91	634229	52.581	ug/l	99
79) 2-Chlorotoluene	11.366	91	378121	52.461	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	458152	52.787	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	55134	47.698	ug/l	91
82) 4-Chlorotoluene	11.457	91	429605	52.686	ug/l	99
83) tert-Butylbenzene	11.719	119	459276	53.946	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	458566	53.116	ug/l	99
85) sec-Butylbenzene	11.896	105	574281	52.024	ug/l	100
86) p-Isopropyltoluene	12.012	119	473555	53.123	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	241206	50.713	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	239627	49.651	ug/l	98
89) n-Butylbenzene	12.335	91	409336	50.725	ug/l	97
90) Hexachloroethane	12.542	117	76686	48.107	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	236890	51.438	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38482	45.872	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	146157	50.512	ug/l	98
94) Hexachlorobutadiene	13.725	225	63636	49.007	ug/l	99
95) Naphthalene	13.780	128	528875	53.162	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	150898	51.644	ug/l	99

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

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