

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022427.D
 Acq On : 04 Jun 2021 20:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 4:59:20 PM

Quant Time: Jun 05 03:23:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	81584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	165370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65521	52.063	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.120%			
35) Dibromofluoromethane	5.397	113	49591	47.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.580%			
50) Toluene-d8	8.653	98	191213	47.333	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.660%			
62) 4-Bromofluorobenzene	11.085	95	73272	49.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	48411	48.810	ug/l	96
3) Chloromethane	1.295	50	54820	51.241	ug/l	99
4) Vinyl Chloride	1.374	62	58920	52.046	ug/l	98
5) Bromomethane	1.599	94	32660	49.485	ug/l	99
6) Chloroethane	1.679	64	35151	52.147	ug/l	97
7) Trichlorofluoromethane	1.880	101	84007	51.611	ug/l	99
8) Diethyl Ether	2.142	74	34983	49.975	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	47955	49.615	ug/l	92
10) Methyl Iodide	2.453	142	55648	53.574	ug/l	95
11) Tert butyl alcohol	2.977	59	74994	260.539	ug/l	99
12) 1,1-Dichloroethene	2.319	96	49375	52.806	ug/l	98
13) Acrolein	2.239	56	42879	224.607	ug/l	99
14) Allyl chloride	2.666	41	92321	53.757	ug/l	96
15) Acrylonitrile	3.075	53	164410	290.130	ug/l	99
16) Acetone	2.386	43	147803	269.722	ug/l	96
17) Carbon Disulfide	2.508	76	123003	50.226	ug/l	100
18) Methyl Acetate	2.709	43	83727	57.451	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	173227	54.081	ug/l	99
20) Methylene Chloride	2.794	84	60222	49.496	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	56400	55.454	ug/l	96
22) Diisopropyl ether	3.770	45	185607	56.113	ug/l	94
23) Vinyl Acetate	3.733	43	902113	283.257	ug/l	96
24) 1,1-Dichloroethane	3.611	63	105650	54.428	ug/l	98
25) 2-Butanone	4.568	43	259077	292.238	ug/l	93
26) 2,2-Dichloropropane	4.489	77	69966	40.604	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	65726	53.139	ug/l	98
28) Bromochloromethane	4.910	49	46956	49.864	ug/l #	79
29) Tetrahydrofuran	5.013	42	152719	289.431	ug/l	90
30) Chloroform	5.105	83	106403	53.053	ug/l	96
31) Cyclohexane	5.477	56	86656	54.795	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	87745	51.199	ug/l	98
36) 1,1-Dichloropropene	5.702	75	79914	52.260	ug/l	98
37) Ethyl Acetate	4.727	43	101197	53.985	ug/l	95
38) Carbon Tetrachloride	5.684	117	71009	47.470	ug/l	98
39) Methylcyclohexane	7.385	83	83551	48.176	ug/l	96
40) Benzene	6.044	78	243657	51.787	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	55196	55.041	ug/l	93
42) 1,2-Dichloroethane	6.092	62	87226	52.917	ug/l	98
43) Isopropyl Acetate	6.355	43	168189	54.854	ug/l	93
44) Trichloroethene	7.129	130	57791	49.429	ug/l	96
45) 1,2-Dichloropropane	7.440	63	64339	53.606	ug/l	97
46) Dibromomethane	7.586	93	42029	51.616	ug/l #	84
47) Bromodichloromethane	7.830	83	78963	48.461	ug/l	98
48) Methyl methacrylate	7.702	41	77762	55.032	ug/l	91
49) 1,4-Dioxane	7.665	88	27804	1010.632	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	522115	284.278	ug/l	91
52) Toluene	8.720	92	150088	50.371	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	90991	48.378	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	100254	49.579	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	60179	49.751	ug/l	97
56) Ethyl methacrylate	9.122	69	103890	53.142	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	108222	52.403	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	253051	239.333	ug/l	96
59) 2-Hexanone	9.433	43	396111	286.758	ug/l	91
60) Dibromochloromethane	9.525	129	55297	46.990	ug/l	98
61) 1,2-Dibromoethane	9.616	107	63318	52.575	ug/l	98
64) Tetrachloroethene	9.275	164	48384	49.322	ug/l #	87
65) Chlorobenzene	10.086	112	152947	49.172	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	52481	48.557	ug/l	95
67) Ethyl Benzene	10.195	91	286489	50.068	ug/l	100
68) m/p-Xylenes	10.305	106	215998	99.883	ug/l	99
69) o-Xylene	10.647	106	104797	49.827	ug/l	97
70) Styrene	10.659	104	178455	51.794	ug/l	98
71) Bromoform	10.805	173	34451	41.831	ug/l #	98
73) Isopropylbenzene	10.964	105	276022	49.117	ug/l	99
74) N-amyl acetate	10.848	43	149630	56.096	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	99117	53.213	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	89260m	54.492	ug/l	
77) Bromobenzene	11.201	156	57922	48.611	ug/l	85
78) n-propylbenzene	11.305	91	326310	49.574	ug/l	98
79) 2-Chlorotoluene	11.366	91	193824	48.549	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	232488	49.916	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	29594	42.807	ug/l	93
82) 4-Chlorotoluene	11.457	91	221416	48.139	ug/l	97
83) tert-Butylbenzene	11.719	119	215358	48.211	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	231675	49.417	ug/l	99
85) sec-Butylbenzene	11.896	105	273924	48.256	ug/l	98
86) p-Isopropyltoluene	12.012	119	230375	48.051	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	110611	48.147	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	112972	47.574	ug/l	96
89) n-Butylbenzene	12.335	91	216323	48.778	ug/l	97
90) Hexachloroethane	12.543	117	34956	44.117	ug/l	73
91) 1,2-Dichlorobenzene	12.341	146	108662	49.242	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20554	51.568	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	64342	48.321	ug/l	95
94) Hexachlorobutadiene	13.725	225	21239	40.866	ug/l	97
95) Naphthalene	13.780	128	274355	52.833	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	63762	47.505	ug/l	95

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

