

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022326.D
 Acq On : 02 Jun 2021 05:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/2/2021 1:59:31 PM

Quant Time: Jun 02 06:17:45 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	71236	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	150717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	71512	65.08	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 130.16%#			
35) Dibromofluoromethane	5.397	113	53805	56.29	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.58%			
50) Toluene-d8	8.653	98	186429	50.64	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.28%			
62) 4-Bromofluorobenzene	11.085	95	69972	51.42	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.84%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	38247	44.16	ug/l	98
3) Chloromethane	1.294	50	49310	52.79	ug/l	99
4) Vinyl Chloride	1.374	62	47663	48.22	ug/l	99
5) Bromomethane	1.599	94	35698	61.94	ug/l	97
6) Chloroethane	1.679	64	32601	55.39	ug/l	98
7) Trichlorofluoromethane	1.880	101	66029	46.46	ug/l	95
8) Diethyl Ether	2.136	74	35448	57.99	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	37813	44.80	ug/l	90
10) Methyl Iodide	2.453	142	52000	57.33	ug/l	95
11) Tert butyl alcohol	2.977	59	87327	347.46	ug/l	100
12) 1,1-Dichloroethene	2.319	96	41734	51.12	ug/l	99
13) Acrolein	2.245	56	14069	84.40	ug/l	98
14) Allyl chloride	2.666	41	86803	57.89	ug/l	96
15) Acrylonitrile	3.075	53	178034	359.81	ug/l	99
16) Acetone	2.386	43	162603	339.83	ug/l	93
17) Carbon Disulfide	2.514	76	76892	35.96	ug/l	99
18) Methyl Acetate	2.709	43	95874	75.34	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	185767	66.42	ug/l	96
20) Methylene Chloride	2.788	84	60214	56.68	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	47415	53.39	ug/l	96
22) Diisopropyl ether	3.770	45	192313	66.59	ug/l	95
23) Vinyl Acetate	3.733	43	923035	331.93	ug/l	96
24) 1,1-Dichloroethane	3.611	63	105601	62.31	ug/l	99
25) 2-Butanone	4.568	43	278732	360.08	ug/l	95
26) 2,2-Dichloropropane	4.483	77	51711	34.37	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	64916	60.11	ug/l	97
28) Bromochloromethane	4.904	49	57355	69.75	ug/l	83
29) Tetrahydrofuran	5.013	42	162038	351.70	ug/l	89
30) Chloroform	5.105	83	105975	60.51	ug/l	98
31) Cyclohexane	5.477	56	58385	42.28	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	81423	54.41	ug/l	98
36) 1,1-Dichloropropene	5.696	75	64093	45.99	ug/l	97
37) Ethyl Acetate	4.727	43	105329	61.65	ug/l	95
38) Carbon Tetrachloride	5.684	117	60143	44.12	ug/l	97
39) Methylcyclohexane	7.385	83	59150	37.42	ug/l	99
40) Benzene	6.044	78	226202	52.75	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	57363	62.76	ug/l	93
42) 1,2-Dichloroethane	6.092	62	88173	58.69	ug/l	99
43) Isopropyl Acetate	6.348	43	173234	61.99	ug/l	95
44) Trichloroethene	7.129	130	50491	47.38	ug/l	90
45) 1,2-Dichloropropane	7.434	63	63679	58.21	ug/l	96
46) Dibromomethane	7.586	93	42757	57.62	ug/l #	87
47) Bromodichloromethane	7.830	83	82831	55.78	ug/l	98
48) Methyl methacrylate	7.696	41	80532	62.53	ug/l	91
49) 1,4-Dioxane	7.665	88	33577	1339.13	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	559725	334.38	ug/l	91
52) Toluene	8.720	92	132999	48.98	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	87070	50.79	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	94286	51.16	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	65846	59.73	ug/l	96
56) Ethyl methacrylate	9.122	69	109823	61.64	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	113867	60.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	268004	278.12	ug/l	97
59) 2-Hexanone	9.433	43	424295	337.02	ug/l	90
60) Dibromochloromethane	9.525	129	58791	54.82	ug/l	98
61) 1,2-Dibromoethane	9.610	107	66186	60.30	ug/l	97
64) Tetrachloroethene	9.281	164	40451	45.85	ug/l	94
65) Chlorobenzene	10.079	112	142419	50.92	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	53317	54.86	ug/l	98
67) Ethyl Benzene	10.195	91	244073	47.43	ug/l	98
68) m/p-Xylenes	10.305	106	183011	94.11	ug/l	99
69) o-Xylene	10.646	106	94541	49.99	ug/l	99
70) Styrene	10.659	104	162686	52.51	ug/l	99
71) Bromoform	10.805	173	36592	49.15	ug/l #	99
73) Isopropylbenzene	10.963	105	231862	46.48	ug/l	100
74) N-amyl acetate	10.848	43	153824	64.96	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	105330	63.70	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	94328m	64.87	ug/l	
77) Bromobenzene	11.201	156	54614	51.63	ug/l	86
78) n-propylbenzene	11.305	91	271574	46.48	ug/l	98
79) 2-Chlorotoluene	11.366	91	167278	47.20	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	198610	48.04	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	30165	49.15	ug/l	98
82) 4-Chlorotoluene	11.457	91	195437	47.87	ug/l	97
83) tert-Butylbenzene	11.719	119	185361	46.75	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	203756	48.96	ug/l	98
85) sec-Butylbenzene	11.896	105	229880	45.62	ug/l	98
86) p-Isopropyltoluene	12.012	119	196041	46.06	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	100393	49.23	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	100346	47.60	ug/l	97
89) n-Butylbenzene	12.335	91	176535	44.84	ug/l	98
90) Hexachloroethane	12.542	117	30309	43.09	ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	101417	51.77	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21782	61.56	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	59596	50.42	ug/l	97
94) Hexachlorobutadiene	13.725	225	17927	38.86	ug/l	97
95) Naphthalene	13.780	128	274556	59.56	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	61486	51.60	ug/l	97

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

