

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022131.D
 Acq On : 21 May 2021 22:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:50:29 PM

Quant Time: May 22 04:59:43 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	78646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	158113	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	145207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	64711	53.34	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.68%			
35) Dibromofluoromethane	5.397	113	50799	50.66	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.32%			
50) Toluene-d8	8.653	98	197280	51.08	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.16%			
62) 4-Bromofluorobenzene	11.085	95	73289	51.34	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.68%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48110	50.32	ug/l	99
3) Chloromethane	1.294	50	51111	49.56	ug/l	99
4) Vinyl Chloride	1.374	62	57431	52.63	ug/l	98
5) Bromomethane	1.599	94	25497	40.08	ug/l	98
6) Chloroethane	1.679	64	34691	53.39	ug/l	98
7) Trichlorofluoromethane	1.880	101	80699	51.43	ug/l	98
8) Diethyl Ether	2.136	74	34288	50.81	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	43507	46.69	ug/l	90
10) Methyl Iodide	2.453	142	52718	52.65	ug/l	96
11) Tert butyl alcohol	2.989	59	82614	297.73	ug/l	100
12) 1,1-Dichloroethene	2.319	96	44128	48.96	ug/l	89
13) Acrolein	2.239	56	44453	241.55	ug/l	98
14) Allyl chloride	2.666	41	86972	52.53	ug/l	97
15) Acrylonitrile	3.075	53	159948	292.80	ug/l	99
16) Acetone	2.392	43	145928	276.25	ug/l	98
17) Carbon Disulfide	2.508	76	109283	46.29	ug/l	100
18) Methyl Acetate	2.715	43	79624	56.68	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	165915	53.73	ug/l	97
20) Methylene Chloride	2.794	84	57870	49.34	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	50992	52.01	ug/l	93
22) Diisopropyl ether	3.776	45	168259	52.77	ug/l	94
23) Vinyl Acetate	3.733	43	830341	270.46	ug/l	98
24) 1,1-Dichloroethane	3.617	63	100102	53.50	ug/l	100
25) 2-Butanone	4.574	43	250353	292.95	ug/l	98
26) 2,2-Dichloropropane	4.483	77	68565	41.28	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	64041	53.71	ug/l	98
28) Bromochloromethane	4.910	49	46361	51.07	ug/l	86
29) Tetrahydrofuran	5.019	42	145536	286.12	ug/l	93
30) Chloroform	5.105	83	101830	52.67	ug/l	97
31) Cyclohexane	5.477	56	75413	49.47	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	87268	52.82	ug/l	98
36) 1,1-Dichloropropene	5.702	75	73206	50.07	ug/l	99
37) Ethyl Acetate	4.733	43	96058	53.60	ug/l	95
38) Carbon Tetrachloride	5.684	117	74011	51.75	ug/l	94
39) Methylcyclohexane	7.385	83	75944	45.80	ug/l	96
40) Benzene	6.044	78	232959	51.79	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	49903	52.05	ug/l	96
42) 1,2-Dichloroethane	6.098	62	82084	52.08	ug/l	98
43) Isopropyl Acetate	6.355	43	153069	52.21	ug/l	95
44) Trichloroethene	7.135	130	56458	50.51	ug/l	99
45) 1,2-Dichloropropane	7.440	63	60701	52.90	ug/l	93
46) Dibromomethane	7.586	93	40563	52.10	ug/l #	87
47) Bromodichloromethane	7.830	83	81374	52.23	ug/l	97
48) Methyl methacrylate	7.702	41	74316	55.01	ug/l	92
49) 1,4-Dioxane	7.665	88	32709	1243.49	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	499338	284.36	ug/l	92
52) Toluene	8.726	92	145949	51.23	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	89262	49.64	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	94662	48.96	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	62280	53.85	ug/l	98
56) Ethyl methacrylate	9.122	69	100725	53.89	ug/l	91
57) 1,3-Dichloropropane	9.311	76	105332	53.34	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	258256	255.47	ug/l	98
59) 2-Hexanone	9.433	43	387834	293.65	ug/l	91
60) Dibromochloromethane	9.525	129	60059	53.38	ug/l	99
61) 1,2-Dibromoethane	9.616	107	62079	53.91	ug/l	99
64) Tetrachloroethene	9.281	164	52080	54.63	ug/l #	92
65) Chlorobenzene	10.086	112	154518	51.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.171	131	55648	52.98	ug/l	98
67) Ethyl Benzene	10.195	91	281566	50.64	ug/l	99
68) m/p-Xylenes	10.305	106	212230	100.99	ug/l	100
69) o-Xylene	10.646	106	104059	50.91	ug/l	99
70) Styrene	10.659	104	176290	52.65	ug/l	99
71) Bromoform	10.805	173	38713	48.15	ug/l #	97
73) Isopropylbenzene	10.963	105	275712	49.76	ug/l	100
74) N-amyl acetate	10.848	43	139455	53.02	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	96709	52.66	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	86234m	53.39	ug/l	
77) Bromobenzene	11.201	156	60201	51.24	ug/l	91
78) n-propylbenzene	11.311	91	323691	49.88	ug/l	99
79) 2-Chlorotoluene	11.366	91	194442	49.40	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	232423	50.61	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	32517	47.70	ug/l	98
82) 4-Chlorotoluene	11.457	91	221142	48.76	ug/l	98
83) tert-Butylbenzene	11.719	119	218753	49.67	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	237086	51.29	ug/l	99
85) sec-Butylbenzene	11.896	105	281065	50.22	ug/l	100
86) p-Isopropyltoluene	12.012	119	237673	50.28	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	113538	50.12	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	113096	48.30	ug/l	97
89) n-Butylbenzene	12.335	91	216457	49.50	ug/l	99
90) Hexachloroethane	12.542	117	38756	49.61	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	113135	52.00	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22408	57.02	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	67425	51.36	ug/l	95
94) Hexachlorobutadiene	13.731	225	23912	46.66	ug/l	95
95) Naphthalene	13.780	128	283306	55.33	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	66915	50.56	ug/l	96

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

