

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052521\
 Data File : VX022165.D
 Acq On : 25 May 2021 10:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:30:07 AM

Quant Time: May 26 01:53:02 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	5.556	168	87113	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	169920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68463	50.95	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.90%			
35) Dibromofluoromethane	5.391	113	53590	49.73	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.46%			
50) Toluene-d8	8.653	98	203928	49.13	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.26%			
62) 4-Bromofluorobenzene	11.085	95	78748	51.33	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.66%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	52252	49.34	ug/l	99
3) Chloromethane	1.294	50	52683	46.12	ug/l	98
4) Vinyl Chloride	1.374	62	60265	49.86	ug/l	96
5) Bromomethane	1.599	94	31677	44.95	ug/l	94
6) Chloroethane	1.679	64	36651	50.92	ug/l	99
7) Trichlorofluoromethane	1.880	101	88635	51.00	ug/l	93
8) Diethyl Ether	2.136	74	37912	50.72	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	52717	51.08	ug/l	92
10) Methyl Iodide	2.453	142	50006	45.09	ug/l	94
11) Tert butyl alcohol	2.977	59	81495	265.15	ug/l	100
12) 1,1-Dichloroethene	2.319	96	50629	50.71	ug/l	98
13) Acrolein	2.239	56	49172	241.22	ug/l	100
14) Allyl chloride	2.666	41	95231	51.93	ug/l	97
15) Acrylonitrile	3.069	53	166878	275.79	ug/l	100
16) Acetone	2.386	43	159408	272.44	ug/l	96
17) Carbon Disulfide	2.508	76	118319	45.25	ug/l	98
18) Methyl Acetate	2.709	43	84205	54.11	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	181823	53.16	ug/l	99
20) Methylene Chloride	2.788	84	62864	48.39	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	56073	51.63	ug/l	90
22) Diisopropyl ether	3.770	45	187513	53.09	ug/l	96
23) Vinyl Acetate	3.727	43	917672	269.85	ug/l	97
24) 1,1-Dichloroethane	3.617	63	107673	51.95	ug/l	98
25) 2-Butanone	4.568	43	262633	277.45	ug/l	94
26) 2,2-Dichloropropane	4.483	77	94089	51.14	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	68975	52.23	ug/l	99
28) Bromochloromethane	4.904	49	50770	50.49	ug/l	85
29) Tetrahydrofuran	5.013	42	150372	266.90	ug/l	91
30) Chloroform	5.099	83	110943	51.81	ug/l	98
31) Cyclohexane	5.471	56	82883	49.08	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	93434	51.06	ug/l	99
36) 1,1-Dichloropropene	5.696	75	81092	51.61	ug/l	97
37) Ethyl Acetate	4.721	43	100587	52.22	ug/l	95
38) Carbon Tetrachloride	5.678	117	79327	51.61	ug/l	99
39) Methylcyclohexane	7.385	83	87451	49.07	ug/l	96
40) Benzene	6.044	78	248837	51.47	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	55369	53.73	ug/l	95
42) 1,2-Dichloroethane	6.092	62	88186	52.07	ug/l	99
43) Isopropyl Acetate	6.348	43	165542	52.54	ug/l	96
44) Trichloroethene	7.129	130	60968	50.75	ug/l	97
45) 1,2-Dichloropropane	7.434	63	66366	53.81	ug/l	99
46) Dibromomethane	7.580	93	44662	53.38	ug/l #	87
47) Bromodichloromethane	7.824	83	89211	53.28	ug/l	98
48) Methyl methacrylate	7.696	41	77520	53.39	ug/l	92
49) 1,4-Dioxane	7.659	88	31883	1127.86	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	518479	274.74	ug/l	93
52) Toluene	8.720	92	157528	51.45	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	102960	53.28	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	109275	52.59	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	66054	53.15	ug/l	98
56) Ethyl methacrylate	9.116	69	110168	54.84	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	113760	53.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	284263	261.65	ug/l	97
59) 2-Hexanone	9.433	43	401898	283.16	ug/l	91
60) Dibromochloromethane	9.525	129	65809	54.43	ug/l	100
61) 1,2-Dibromoethane	9.610	107	67632	54.65	ug/l	98
64) Tetrachloroethene	9.275	164	52871	52.04	ug/l	91
65) Chlorobenzene	10.079	112	166852	51.80	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	59089	52.79	ug/l	97
67) Ethyl Benzene	10.195	91	305206	51.50	ug/l	100
68) m/p-Xylenes	10.305	106	231317	103.29	ug/l	100
69) o-Xylene	10.646	106	114730	52.67	ug/l	97
70) Styrene	10.659	104	195637	54.83	ug/l	99
71) Bromoform	10.805	173	42276	49.31	ug/l	98
73) Isopropylbenzene	10.963	105	296629	50.20	ug/l	100
74) N-amyl acetate	10.848	43	153429	54.71	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	107724	55.01	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	97358m	56.53	ug/l	
77) Bromobenzene	11.201	156	64231	51.27	ug/l	88
78) n-propylbenzene	11.305	91	364144	52.62	ug/l	98
79) 2-Chlorotoluene	11.366	91	211680	50.43	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	254522	51.98	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	37196	51.17	ug/l	98
82) 4-Chlorotoluene	11.457	91	246384	50.95	ug/l	97
83) tert-Butylbenzene	11.719	119	237192	50.50	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	260510	52.85	ug/l	100
85) sec-Butylbenzene	11.896	105	312328	52.33	ug/l	98
86) p-Isopropyltoluene	12.012	119	265652	52.70	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	124339	51.48	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	126853	50.81	ug/l	97
89) n-Butylbenzene	12.335	91	251737	53.99	ug/l	98
90) Hexachloroethane	12.542	117	42858	51.45	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	122242	52.69	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22522	53.74	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	76168	54.41	ug/l	97
94) Hexachlorobutadiene	13.731	225	28667	52.46	ug/l	98
95) Naphthalene	13.780	128	303394	55.57	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	75517	53.51	ug/l	97

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

