

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022054.D
 Acq On : 18 May 2021 09:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:57:08 PM

Quant Time: May 19 01:57:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	87735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	166578	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	68189	47.23	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.46%		
35) Dibromofluoromethane	5.391	113	54442	47.69	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.38%		
50) Toluene-d8	8.653	98	208607	47.88	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.76%		
62) 4-Bromofluorobenzene	11.085	95	80352	46.74	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.48%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57251	49.57	ug/l	96
3) Chloromethane	1.294	50	62390	44.98	ug/l	99
4) Vinyl Chloride	1.374	62	67241	41.98	ug/l	98
5) Bromomethane	1.611	94	32839	56.18	ug/l	95
6) Chloroethane	1.685	64	41718	50.07	ug/l	96
7) Trichlorofluoromethane	1.886	101	97115	43.98	ug/l	93
8) Diethyl Ether	2.136	74	40153	43.32	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	57396	51.12	ug/l	92
10) Methyl Iodide	2.453	142	57451	43.05	ug/l	95
11) Tert butyl alcohol	2.989	59	70240	182.32	ug/l	100
12) 1,1-Dichloroethene	2.319	96	55221	46.41	ug/l	99
13) Acrolein	2.239	56	59600	383.64	ug/l	97
14) Allyl chloride	2.666	41	99982	45.87	ug/l	97
15) Acrylonitrile	3.068	53	159423	220.23	ug/l	99
16) Acetone	2.386	43	174465	269.41	ug/l	97
17) Carbon Disulfide	2.514	76	145242	43.90	ug/l	99
18) Methyl Acetate	2.709	43	81936	45.63	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	184325	48.33	ug/l	95
20) Methylene Chloride	2.794	84	63347	47.44	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	60643	47.77	ug/l	97
22) Diisopropyl ether	3.763	45	192696	47.47	ug/l	93
23) Vinyl Acetate	3.727	43	921668	230.75	ug/l	97
24) 1,1-Dichloroethane	3.617	63	113042	48.45	ug/l	98
25) 2-Butanone	4.562	43	262961	235.97	ug/l	94
26) 2,2-Dichloropropane	4.477	77	103443	49.53	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	72751	48.54	ug/l	100
28) Bromochloromethane	4.903	49	52265	49.03	ug/l	83
29) Tetrahydrofuran	5.013	42	141925	214.32	ug/l	92
30) Chloroform	5.105	83	116919	49.13	ug/l	95
31) Cyclohexane	5.477	56	92367	48.43	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	101326	48.51	ug/l	99
36) 1,1-Dichloropropene	5.702	75	86596	49.04	ug/l	100
37) Ethyl Acetate	4.721	43	94922	44.50	ug/l	95
38) Carbon Tetrachloride	5.684	117	86618	49.06	ug/l	98
39) Methylcyclohexane	7.385	83	99139	50.02	ug/l	100
40) Benzene	6.043	78	261580	49.20	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	51535	44.74	ug/l	95
42) 1,2-Dichloroethane	6.086	62	91377	50.15	ug/l	98
43) Isopropyl Acetate	6.342	43	162071	44.92	ug/l	95
44) Trichloroethene	7.129	130	64848	50.20	ug/l	97
45) 1,2-Dichloropropane	7.434	63	67912	48.78	ug/l	100
46) Dibromomethane	7.586	93	45652	48.46	ug/l #	88
47) Bromodichloromethane	7.824	83	93312	49.11	ug/l	100
48) Methyl methacrylate	7.696	41	76087	45.83	ug/l	91
49) 1,4-Dioxane	7.683	88	25454	728.83	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	485784	216.22	ug/l	92
52) Toluene	8.720	92	163532	48.18	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	107171	48.41	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	116752	50.35	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	67731	49.93	ug/l	99
56) Ethyl methacrylate	9.122	69	107704	45.19	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	115180	49.63	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	285385	244.49	ug/l	97
59) 2-Hexanone	9.433	43	371366	214.57	ug/l	92
60) Dibromochloromethane	9.525	129	69314	47.41	ug/l	99
61) 1,2-Dibromoethane	9.616	107	68542	48.44	ug/l	99
64) Tetrachloroethene	9.275	164	54807	57.67	ug/l #	91
65) Chlorobenzene	10.085	112	171697	50.14	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	62497	49.71	ug/l	98
67) Ethyl Benzene	10.195	91	317079	50.24	ug/l	100
68) m/p-Xylenes	10.305	106	239275	99.20	ug/l	99
69) o-Xylene	10.646	106	115775	48.09	ug/l	99
70) Styrene	10.659	104	196050	48.99	ug/l	99
71) Bromoform	10.805	173	44694	46.73	ug/l #	99
73) Isopropylbenzene	10.963	105	308302	51.43	ug/l	100
74) N-amyl acetate	10.848	43	141401	44.01	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	96939	43.59	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	88631m	47.02	ug/l	
77) Bromobenzene	11.201	156	64668	50.08	ug/l	89
78) n-propylbenzene	11.305	91	364206	51.28	ug/l	100
79) 2-Chlorotoluene	11.366	91	213162	49.54	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	257979	50.07	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	37574	46.24	ug/l	95
82) 4-Chlorotoluene	11.457	91	247204	49.63	ug/l	97
83) tert-Butylbenzene	11.719	119	240890	48.24	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	261413	50.59	ug/l	99
85) sec-Butylbenzene	11.896	105	318151	51.89	ug/l	98
86) p-Isopropyltoluene	12.012	119	271335	51.92	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	124150	50.88	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	122664	48.60	ug/l	97
89) n-Butylbenzene	12.335	91	255433	53.00	ug/l	98
90) Hexachloroethane	12.542	117	45088	47.73	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	117679	48.87	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21089	43.53	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	73880	50.94	ug/l	97
94) Hexachlorobutadiene	13.725	225	28465	50.30	ug/l	98
95) Naphthalene	13.780	128	287699	48.40	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74128	50.42	ug/l	98

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

