

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
 Data File : VX023232.D
 Acq On : 12 Jul 2021 09:48
 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
 7/13/2021 6:53:47 PM

Quant Time: Jul 12 15:43:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	267751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	422808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	173703	48.270	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.540%			
35) Dibromofluoromethane	5.391	113	138224	50.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.260%			
50) Toluene-d8	8.653	98	497070	48.805	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.620%			
62) 4-Bromofluorobenzene	11.085	95	198742	50.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	118424	48.813	ug/l	99
3) Chloromethane	1.294	50	107060	44.602	ug/l	97
4) Vinyl Chloride	1.374	62	116826	45.945	ug/l	100
5) Bromomethane	1.599	94	59216	44.919	ug/l	95
6) Chloroethane	1.678	64	73392	44.141	ug/l	99
7) Trichlorofluoromethane	1.880	101	196558	44.481	ug/l	97
8) Diethyl Ether	2.136	74	81360	49.884	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	128793	49.804	ug/l	96
10) Methyl Iodide	2.453	142	166053	52.293	ug/l	95
11) Tert butyl alcohol	2.977	59	188972	249.617	ug/l	99
12) 1,1-Dichloroethene	2.319	96	115460	48.375	ug/l	99
13) Acrolein	2.239	56	117916	233.906	ug/l	100
14) Allyl chloride	2.666	41	210749	50.814	ug/l	96
15) Acrylonitrile	3.068	53	382827	260.065	ug/l	98
16) Acetone	2.386	43	354113	248.727	ug/l	93
17) Carbon Disulfide	2.508	76	239410	47.561	ug/l	99
18) Methyl Acetate	2.709	43	176046	50.940	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	484609	54.289	ug/l	99
20) Methylene Chloride	2.794	84	142232	46.401	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	126205	48.960	ug/l	98
22) Diisopropyl ether	3.770	45	432250	49.434	ug/l	96
23) Vinyl Acetate	3.727	43	1903805	257.257	ug/l	98
24) 1,1-Dichloroethane	3.611	63	246597	49.914	ug/l	99
25) 2-Butanone	4.568	43	545762	254.213	ug/l	96
26) 2,2-Dichloropropane	4.477	77	225408	54.359	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	159239	51.002	ug/l	100
28) Bromochloromethane	4.904	49	110930	47.328	ug/l	97
29) Tetrahydrofuran	5.013	42	339095	245.713	ug/l	95
30) Chloroform	5.099	83	267171	50.062	ug/l	98
31) Cyclohexane	5.470	56	192805	44.748	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	235450	50.656	ug/l	99
36) 1,1-Dichloropropene	5.696	75	177574	47.111	ug/l	98
37) Ethyl Acetate	4.721	43	204786	49.805	ug/l	98
38) Carbon Tetrachloride	5.684	117	207805	52.818	ug/l	98
39) Methylcyclohexane	7.385	83	215812	48.955	ug/l	99
40) Benzene	6.044	78	538877	49.243	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	115372	50.192	ug/l	96
42) 1,2-Dichloroethane	6.092	62	218948	49.791	ug/l	97
43) Isopropyl Acetate	6.348	43	343519	50.227	ug/l	96
44) Trichloroethene	7.129	130	158694	51.119	ug/l	97
45) 1,2-Dichloropropane	7.434	63	145819	51.044	ug/l	98
46) Dibromomethane	7.586	93	107192	52.541	ug/l	100
47) Bromodichloromethane	7.824	83	206869	55.536	ug/l	99
48) Methyl methacrylate	7.696	41	165404	49.287	ug/l	93
49) 1,4-Dioxane	7.665	88	79051	1046.627	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1055769	249.116	ug/l	94
52) Toluene	8.720	92	354208	50.013	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	240111	50.935	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	248447	50.646	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	160690	54.031	ug/l	96
56) Ethyl methacrylate	9.116	69	247407	53.835	ug/l	92
57) 1,3-Dichloropropane	9.311	76	254233	51.719	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	613518	245.383	ug/l	99
59) 2-Hexanone	9.433	43	807127	248.214	ug/l	93
60) Dibromochloromethane	9.525	129	172167	51.730	ug/l	99
61) 1,2-Dibromoethane	9.610	107	167833	54.984	ug/l	99
64) Tetrachloroethene	9.275	164	161965	51.894	ug/l	94
65) Chlorobenzene	10.079	112	405003	52.358	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	158627	56.717	ug/l	100
67) Ethyl Benzene	10.195	91	695985	50.897	ug/l	98
68) m/p-Xylenes	10.305	106	546816	104.741	ug/l	99
69) o-Xylene	10.646	106	275193	52.303	ug/l	98
70) Styrene	10.659	104	467137	54.353	ug/l	99
71) Bromoform	10.805	173	126743	53.043	ug/l	99
73) Isopropylbenzene	10.963	105	707392	49.981	ug/l	99
74) N-amyl acetate	10.848	43	294418	49.023	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	226895	50.459	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	218531m	54.053	ug/l	
77) Bromobenzene	11.201	156	184595	52.239	ug/l	95
78) n-propylbenzene	11.305	91	813626	49.715	ug/l	98
79) 2-Chlorotoluene	11.366	91	504365	49.864	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	622307	51.067	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	79932	54.712	ug/l	99
82) 4-Chlorotoluene	11.457	91	586260	51.325	ug/l	99
83) tert-Butylbenzene	11.719	119	603779	52.200	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	624188	51.831	ug/l	99
85) sec-Butylbenzene	11.896	105	762848	51.256	ug/l	99
86) p-Isopropyltoluene	12.012	119	653793	52.367	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	344658	51.941	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	343268	51.377	ug/l	98
89) n-Butylbenzene	12.335	91	554778	50.727	ug/l	98
90) Hexachloroethane	12.542	117	109390	51.147	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	344268	52.154	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	55940	50.675	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	226177	55.624	ug/l	99
94) Hexachlorobutadiene	13.725	225	94262	54.751	ug/l	97
95) Naphthalene	13.780	128	768036	51.176	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	231113	56.513	ug/l	98

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

