

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061621\
 Data File : VX022711.D
 Acq On : 16 Jun 2021 10:13
 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
 6/17/2021 11:03:43 AM

Quant Time: Jun 17 02:20:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	80806	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	156141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	71972	49.524	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.040%		
35) Dibromofluoromethane	5.391	113	51633	51.829	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.660%		
50) Toluene-d8	8.653	98	200227	50.985	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.980%		
62) 4-Bromofluorobenzene	11.085	95	75958	51.142	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	47596	50.193	ug/l	98
3) Chloromethane	1.294	50	49831	43.489	ug/l	99
4) Vinyl Chloride	1.374	62	50018	44.426	ug/l	99
5) Bromomethane	1.599	94	25752	42.047	ug/l	96
6) Chloroethane	1.685	64	32282	47.354	ug/l	99
7) Trichlorofluoromethane	1.886	101	79400	48.974	ug/l	97
8) Diethyl Ether	2.136	74	31888	48.685	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	49392	49.936	ug/l	90
10) Methyl Iodide	2.453	142	50903	45.900	ug/l	95
11) Tert butyl alcohol	2.977	59	76682	227.889	ug/l	99
12) 1,1-Dichloroethene	2.319	96	46425	47.322	ug/l	93
13) Acrolein	2.239	56	28617	202.942	ug/l	98
14) Allyl chloride	2.666	41	94547	49.850	ug/l	94
15) Acrylonitrile	3.069	53	168453	254.896	ug/l	99
16) Acetone	2.386	43	155591	239.099	ug/l	92
17) Carbon Disulfide	2.514	76	105398	47.743	ug/l	100
18) Methyl Acetate	2.709	43	95036	48.518	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	173691	51.024	ug/l	98
20) Methylene Chloride	2.794	84	59036	46.967	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	53061	48.811	ug/l	96
22) Diisopropyl ether	3.770	45	188139	50.123	ug/l	96
23) Vinyl Acetate	3.727	43	901128	260.507	ug/l	95
24) 1,1-Dichloroethane	3.611	63	104618	48.031	ug/l	100
25) 2-Butanone	4.562	43	267596	253.555	ug/l	91
26) 2,2-Dichloropropane	4.483	77	86990	52.367	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	63792	48.163	ug/l	95
28) Bromochloromethane	4.904	49	55835	53.014	ug/l	# 79
29) Tetrahydrofuran	5.013	42	155472	253.008	ug/l	88
30) Chloroform	5.099	83	107792	49.648	ug/l	97
31) Cyclohexane	5.477	56	82851	47.257	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	87002	47.258	ug/l	96
36) 1,1-Dichloropropene	5.696	75	77742	49.971	ug/l	98
37) Ethyl Acetate	4.721	43	102709	51.943	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	70954	53.317	ug/l	97
39) Methylcyclohexane	7.385	83	86068	53.031	ug/l	96
40) Benzene	6.044	78	236855	51.173	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	56540	53.357	ug/l	92
42) 1,2-Dichloroethane	6.092	62	89913	52.813	ug/l	96
43) Isopropyl Acetate	6.348	43	167861	53.755	ug/l #	92
44) Trichloroethene	7.129	130	55186	50.790	ug/l	94
45) 1,2-Dichloropropane	7.434	63	63392	50.761	ug/l	96
46) Dibromomethane	7.586	93	42392	50.394	ug/l #	84
47) Bromodichloromethane	7.824	83	80367	49.212	ug/l	99
48) Methyl methacrylate	7.696	41	79392	52.959	ug/l	89
49) 1,4-Dioxane	7.665	88	29453	1032.266	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	541628	273.243	ug/l	90
52) Toluene	8.720	92	145993	50.679	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	94958	48.957	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	101987	49.075	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	61845	52.468	ug/l	98
56) Ethyl methacrylate	9.116	69	104204	48.927	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	110193	53.753	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	274120	257.970	ug/l	95
59) 2-Hexanone	9.433	43	417167	275.451	ug/l	88
60) Dibromochloromethane	9.525	129	57487	49.677	ug/l	100
61) 1,2-Dibromoethane	9.610	107	64029	54.426	ug/l	98
64) Tetrachloroethene	9.275	164	45282	48.951	ug/l #	86
65) Chlorobenzene	10.079	112	154705	50.745	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	54148	49.102	ug/l	98
67) Ethyl Benzene	10.195	91	290182	51.703	ug/l	99
68) m/p-Xylenes	10.305	106	207786	102.212	ug/l	93
69) o-Xylene	10.646	106	103358	52.475	ug/l	95
70) Styrene	10.659	104	176833	48.652	ug/l	96
71) Bromoform	10.805	173	34697	48.137	ug/l #	99
73) Isopropylbenzene	10.963	105	273684	52.507	ug/l	98
74) N-amyl acetate	10.848	43	152182	54.289	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	101260	54.618	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	91946m	54.629	ug/l	
77) Bromobenzene	11.201	156	56790	51.002	ug/l	79
78) n-propylbenzene	11.305	91	335693	53.321	ug/l	97
79) 2-Chlorotoluene	11.366	91	195442	51.302	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	231371	53.289	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	32499	49.984	ug/l	90
82) 4-Chlorotoluene	11.457	91	227734	52.238	ug/l	96
83) tert-Butylbenzene	11.719	119	214486	52.598	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	235487	53.471	ug/l	98
85) sec-Butylbenzene	11.896	105	287804	54.035	ug/l	98
86) p-Isopropyltoluene	12.012	119	237559	54.027	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	109283	51.709	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	111726	51.355	ug/l	96
89) n-Butylbenzene	12.335	91	236826	56.258	ug/l	97
90) Hexachloroethane	12.542	117	36966	50.540	ug/l	70
91) 1,2-Dichlorobenzene	12.341	146	106543	51.736	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21591	49.424	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	65210	52.781	ug/l	98
94) Hexachlorobutadiene	13.725	225	24139	54.484	ug/l	98
95) Naphthalene	13.780	128	274712	50.891	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	65764	54.601	ug/l	97

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

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