

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022657.D
 Acq On : 11 Jun 2021 10:27
 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
 6/14/2021 9:38:23 AM

Quant Time: Jun 11 13:24:53 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	67224	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	135263	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60198	49.791	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.580%		
35) Dibromofluoromethane	5.391	113	41990	48.655	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.320%		
50) Toluene-d8	8.653	98	160292	47.117	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.240%		
62) 4-Bromofluorobenzene	11.085	95	62621	48.670	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	39075	49.533	ug/l	97
3) Chloromethane	1.294	50	43769	45.917	ug/l	100
4) Vinyl Chloride	1.374	62	42932	45.837	ug/l	97
5) Bromomethane	1.599	94	22846	44.839	ug/l	98
6) Chloroethane	1.679	64	27148	47.869	ug/l	95
7) Trichlorofluoromethane	1.880	101	63913	47.386	ug/l	96
8) Diethyl Ether	2.136	74	28204	51.761	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	40764	49.539	ug/l	90
10) Methyl Iodide	2.453	142	46244	50.124	ug/l	92
11) Tert butyl alcohol	2.977	59	64344	229.856	ug/l	98
12) 1,1-Dichloroethene	2.319	96	38727	47.451	ug/l	93
13) Acrolein	2.239	56	37491	319.591	ug/l	98
14) Allyl chloride	2.666	41	79069	50.112	ug/l	96
15) Acrylonitrile	3.069	53	143399	260.826	ug/l	99
16) Acetone	2.386	43	136340	251.846	ug/l	95
17) Carbon Disulfide	2.508	76	86217	46.945	ug/l	100
18) Methyl Acetate	2.709	43	79476	48.771	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	151235	53.404	ug/l	99
20) Methylene Chloride	2.794	84	51632	49.390	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	44676	49.401	ug/l	99
22) Diisopropyl ether	3.770	45	161732	51.794	ug/l	95
23) Vinyl Acetate	3.727	43	784364	272.565	ug/l	95
24) 1,1-Dichloroethane	3.611	63	89032	49.134	ug/l	99
25) 2-Butanone	4.562	43	224812	256.054	ug/l	91
26) 2,2-Dichloropropane	4.477	77	70548	51.050	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	55163	50.063	ug/l	96
28) Bromochloromethane	4.904	49	44628	50.934	ug/l	# 78
29) Tetrahydrofuran	5.013	42	133423	260.995	ug/l	87
30) Chloroform	5.099	83	90020	49.840	ug/l	99
31) Cyclohexane	5.471	56	69444	47.613	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	72198	47.143	ug/l	97
36) 1,1-Dichloropropene	5.696	75	64882	48.142	ug/l	96
37) Ethyl Acetate	4.721	43	86352	50.411	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	56784	49.255	ug/l	99
39) Methylcyclohexane	7.385	83	69869	49.695	ug/l	94
40) Benzene	6.044	78	203064	50.644	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	47750	52.017	ug/l	93
42) 1,2-Dichloroethane	6.086	62	78327	53.109	ug/l	97
43) Isopropyl Acetate	6.348	43	142887	52.820	ug/l	93
44) Trichloroethene	7.129	130	46201	49.084	ug/l	90
45) 1,2-Dichloropropane	7.434	63	54276	50.170	ug/l	98
46) Dibromomethane	7.586	93	36317	49.851	ug/l #	86
47) Bromodichloromethane	7.824	83	68905	48.733	ug/l #	99
48) Methyl methacrylate	7.696	41	70062	53.949	ug/l	88
49) 1,4-Dioxane	7.665	88	25839	1045.384	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	457872	266.643	ug/l	90
52) Toluene	8.720	92	127078	50.922	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	80788	48.139	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	87423	48.586	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	54645	53.516	ug/l	99
56) Ethyl methacrylate	9.116	69	89741	48.653	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	96173	54.155	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	235433	255.760	ug/l	95
59) 2-Hexanone	9.433	43	350597	267.227	ug/l	89
60) Dibromochloromethane	9.525	129	48437	48.403	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54120	53.104	ug/l	100
64) Tetrachloroethene	9.275	164	41711	52.738	ug/l	92
65) Chlorobenzene	10.079	112	131484	50.443	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	45000	47.779	ug/l	97
67) Ethyl Benzene	10.195	91	243879	50.824	ug/l	99
68) m/p-Xylenes	10.305	106	180178	103.665	ug/l	97
69) o-Xylene	10.646	106	89911	53.390	ug/l	98
70) Styrene	10.659	104	154588	49.713	ug/l	97
71) Bromoform	10.805	173	28700	46.725	ug/l #	99
73) Isopropylbenzene	10.963	105	229333	50.212	ug/l	100
74) N-amyl acetate	10.848	43	130219	53.014	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	85566	52.671	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	79716m	54.051	ug/l	
77) Bromobenzene	11.201	156	48999	50.219	ug/l	80
78) n-propylbenzene	11.305	91	281509	51.029	ug/l	98
79) 2-Chlorotoluene	11.366	91	168797	50.565	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	198946	52.291	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	27805	48.945	ug/l	90
82) 4-Chlorotoluene	11.457	91	198588	51.985	ug/l	96
83) tert-Butylbenzene	11.719	119	182058	50.950	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	203332	52.690	ug/l	98
85) sec-Butylbenzene	11.896	105	239312	51.276	ug/l	97
86) p-Isopropyltoluene	12.012	119	201306	52.247	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	96939	52.345	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	96760	50.756	ug/l	96
89) n-Butylbenzene	12.335	91	193979	52.586	ug/l	96
90) Hexachloroethane	12.542	117	29418	46.237	ug/l	68
91) 1,2-Dichlorobenzene	12.341	146	94711	52.485	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17706	46.507	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	56477	52.168	ug/l	97
94) Hexachlorobutadiene	13.731	225	19346	49.832	ug/l	97
95) Naphthalene	13.780	128	235736	49.868	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	56699	53.723	ug/l	96

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

