

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070522\
 Data File : VU049607.D
 Acq On : 05 Jul 2022 10:09
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 06 07:46:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	232934	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	397289	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	358725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	173640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	162996	45.437	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.880%		
35) Dibromofluoromethane	5.289	113	134836	48.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	7.896	98	477506	48.165	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.340%		
62) 4-Bromofluorobenzene	10.632	95	181410	47.769	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.540%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	156848	41.904	ug/l	100
3) Chloromethane	1.520	50	171822	37.337	ug/l	98
4) Vinyl Chloride	1.604	62	162804	43.202	ug/l	97
5) Bromomethane	1.842	94	64781	55.284	ug/l	99
6) Chloroethane	1.922	64	94961	54.447	ug/l	97
7) Trichlorofluoromethane	2.131	101	208390	43.390	ug/l	99
8) Diethyl Ether	2.376	74	87081	50.195	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.575	101	126302	48.878	ug/l	95
10) Methyl Iodide	2.716	142	177892	67.039	ug/l	95
11) Tert butyl alcohol	3.186	59	247220	294.432	ug/l	# 53
12) 1,1-Dichloroethene	2.575	96	121904	48.184	ug/l	93
13) Acrolein	2.485	56	52050	91.538	ug/l	99
14) Allyl chloride	2.919	41	249567	48.809	ug/l	# 87
15) Acrylonitrile	3.311	53	516482	255.759	ug/l	99
16) Acetone	2.626	43	435607	240.791	ug/l	100
17) Carbon Disulfide	2.787	76	344547	43.669	ug/l	99
18) Methyl Acetate	2.945	43	235806	48.151	ug/l	92
19) Methyl tert-butyl Ether	3.363	73	484138	51.452	ug/l	99
20) Methylene Chloride	3.041	84	149814	49.744	ug/l	89
21) trans-1,2-Dichloroethene	3.350	96	131084	48.064	ug/l	93
22) Diisopropyl ether	3.990	45	485887	49.772	ug/l	# 76
23) Vinyl Acetate	3.951	43	2164450	252.957	ug/l	95
24) 1,1-Dichloroethane	3.867	63	270298	48.202	ug/l	98
25) 2-Butanone	4.700	43	693149	255.666	ug/l	95
26) 2,2-Dichloropropane	4.662	77	226320	48.492	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	160864	51.050	ug/l	91
28) Bromochloromethane	4.970	49	118256	48.246	ug/l	# 79
29) Tetrahydrofuran	5.047	42	455082	244.684	ug/l	89
30) Chloroform	5.086	83	266420	48.029	ug/l	99
31) Cyclohexane	5.385	56	236191	43.849	ug/l	90
32) 1,1,1-Trichloroethane	5.314	97	230184	47.826	ug/l	99
36) 1,1-Dichloropropene	5.523	75	187694	46.571	ug/l	98
37) Ethyl Acetate	4.800	43	259894	47.191	ug/l	# 94
38) Carbon Tetrachloride	5.523	117	195801	46.324	ug/l	99
39) Methylcyclohexane	6.761	83	228987	47.401	ug/l	91
40) Benzene	5.771	78	587393	48.274	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	137796	49.934	ug/l	90
42) 1,2-Dichloroethane	5.793	62	208651	46.073	ug/l	100
43) Isopropyl Acetate	5.909	43	404137	50.081	ug/l	97
44) Trichloroethene	6.539	130	139342	48.172	ug/l	85
45) 1,2-Dichloropropane	6.790	63	163253	48.420	ug/l	98
46) Dibromomethane	6.916	93	109053	48.513	ug/l	91
47) Bromodichloromethane	7.105	83	212202	49.046	ug/l	99
48) Methyl methacrylate	6.957	41	188815	49.928	ug/l	88
49) 1,4-Dioxane	6.973	88	105022	1083.963	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1296037	239.978	ug/l	96
52) Toluene	7.967	92	356383	49.277	ug/l	100
53) t-1,3-Dichloropropene	8.208	75	237529	51.180	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	254296	51.317	ug/l	99
55) 1,1,2-Trichloroethane	8.398	97	150933	50.476	ug/l	99
56) Ethyl methacrylate	8.330	69	260864	52.160	ug/l	93
57) 1,3-Dichloropropane	8.575	76	259573	48.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	142157	358.483	ug/l	94
59) 2-Hexanone	8.684	43	1011457	238.158	ug/l	96
60) Dibromochloromethane	8.809	129	161099	51.809	ug/l	100
61) 1,2-Dibromoethane	8.922	107	161541	49.574	ug/l	99
64) Tetrachloroethene	8.552	164	112622	48.948	ug/l	94
65) Chlorobenzene	9.446	112	365624	49.855	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.533	131	143877	52.006	ug/l	98
67) Ethyl Benzene	9.568	91	681301	50.603	ug/l	97
68) m/p-Xylenes	9.694	106	502807	100.934	ug/l	89
69) o-Xylene	10.099	106	252520	51.061	ug/l	90
70) Styrene	10.112	104	416154	52.372	ug/l	95
71) Bromoform	10.288	173	125780	53.010	ug/l #	100
73) Isopropylbenzene	10.481	105	659505	53.317	ug/l	96
74) N-amyl acetate	10.317	43	337117	51.494	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	268670	51.276	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	301731	51.260	ug/l	100
77) Bromobenzene	10.780	156	153040	50.687	ug/l	83
78) n-propylbenzene	10.906	91	776260	51.646	ug/l	96
79) 2-Chlorotoluene	10.983	91	475484	51.347	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	567691	52.570	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.546	75	86777	54.442	ug/l	96
82) 4-Chlorotoluene	11.095	91	533831	51.257	ug/l	93
83) tert-Butylbenzene	11.420	119	551017	51.878	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	560549	52.839	ug/l	94
85) sec-Butylbenzene	11.642	105	678563	50.814	ug/l	96
86) p-Isopropyltoluene	11.793	119	560088	51.863	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	287386	49.787	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	285686	49.241	ug/l	97
89) n-Butylbenzene	12.208	91	498101	49.826	ug/l	98
90) Hexachloroethane	12.475	117	105536	49.064	ug/l	84
91) 1,2-Dichlorobenzene	12.211	146	294754	50.820	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	69718	51.891	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	200493	51.457	ug/l	98
94) Hexachlorobutadiene	14.021	225	86293	47.963	ug/l	99
95) Naphthalene	14.086	128	746005	54.707	ug/l	99
96) 1,2,3-Trichlorobenzene	14.327	180	206566	51.584	ug/l	97

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

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