

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049551.D
 Acq On : 30 Jun 2022 07:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 06/30/2022
 Supervised By : Semsettin Yesilyurt 06/30/2022

Quant Time: Jun 30 09:14:49 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	223194	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	388543	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	350183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	166089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	162203	47.189	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.380%		
35) Dibromofluoromethane	5.288	113	129565	47.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.320%		
50) Toluene-d8	7.896	98	465757	48.038	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.080%		
62) 4-Bromofluorobenzene	10.632	95	173997	46.848	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	161483	45.025	ug/l	99
3) Chloromethane	1.520	50	177740	40.373	ug/l	98
4) Vinyl Chloride	1.604	62	165675	45.882	ug/l	99
5) Bromomethane	1.851	94	61908	55.138	ug/l	99
6) Chloroethane	1.925	64	89275	53.457	ug/l	97
7) Trichlorofluoromethane	2.134	101	210241	45.686	ug/l	98
8) Diethyl Ether	2.375	74	81649	49.117	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.578	101	118569	47.887	ug/l	95
10) Methyl Iodide	2.719	142	169598	66.740	ug/l	94
11) Tert butyl alcohol	3.195	59	224736m	279.335	ug/l	
12) 1,1-Dichloroethene	2.578	96	120935	49.887	ug/l	91
13) Acrolein	2.485	56	58771	107.868	ug/l	98
14) Allyl chloride	2.922	41	224681	45.860	ug/l #	86
15) Acrylonitrile	3.311	53	484563	250.424	ug/l	100
16) Acetone	2.629	43	400975	231.320	ug/l	98
17) Carbon Disulfide	2.790	76	331112	43.798	ug/l	99
18) Methyl Acetate	2.948	43	261841	55.801	ug/l	92
19) Methyl tert-butyl Ether	3.362	73	456699	50.654	ug/l	98
20) Methylene Chloride	3.041	84	148769	51.580	ug/l	90
21) trans-1,2-Dichloroethene	3.350	96	127405	48.753	ug/l	93
22) Diisopropyl ether	3.989	45	471783	50.436	ug/l #	76
23) Vinyl Acetate	3.954	43	1931823	235.623	ug/l	94
24) 1,1-Dichloroethane	3.867	63	262684	48.889	ug/l	98
25) 2-Butanone	4.700	43	650249	250.309	ug/l	95
26) 2,2-Dichloropropane	4.661	77	108311	24.220	ug/l	96
27) cis-1,2-Dichloroethene	4.665	96	153802	50.939	ug/l	96
28) Bromochloromethane	4.973	49	113483	48.319	ug/l #	79
29) Tetrahydrofuran	5.050	42	433781	243.409	ug/l	88
30) Chloroform	5.089	83	258915	48.713	ug/l	99
31) Cyclohexane	5.385	56	231344	44.823	ug/l	88
32) 1,1,1-Trichloroethane	5.314	97	223032	48.363	ug/l	99
36) 1,1-Dichloropropene	5.526	75	183832	46.639	ug/l	98
37) Ethyl Acetate	4.803	43	243799	45.265	ug/l #	95
38) Carbon Tetrachloride	5.523	117	187865	45.447	ug/l	99
39) Methylcyclohexane	6.761	83	210166	44.484	ug/l	93
40) Benzene	5.774	78	567901	47.722	ug/l	100

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41) Methacrylonitrile	4.970	41	130317	48.287	ug/l	91
42) 1,2-Dichloroethane	5.793	62	204013	46.063	ug/l	99
43) Isopropyl Acetate	5.909	43	375613	47.594	ug/l	97
44) Trichloroethene	6.542	130	137406	48.572	ug/l	88
45) 1,2-Dichloropropane	6.790	63	157495	47.763	ug/l	100
46) Dibromomethane	6.915	93	104664	47.608	ug/l	91
47) Bromodichloromethane	7.105	83	200177	47.308	ug/l	100
48) Methyl methacrylate	6.957	41	179253	48.466	ug/l	89
49) 1,4-Dioxane	6.989	88	87084	919.051	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1254687	237.551	ug/l	96
52) Toluene	7.970	92	340042	48.076	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	199807	44.021	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	220219	45.441	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	143728	49.149	ug/l	98
56) Ethyl methacrylate	8.333	69	248281	50.762	ug/l	93
57) 1,3-Dichloropropane	8.574	76	249313	48.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	184399	471.345	ug/l	95
59) 2-Hexanone	8.684	43	962052	231.624	ug/l	96
60) Dibromochloromethane	8.809	129	148940	48.977	ug/l	99
61) 1,2-Dibromoethane	8.922	107	154586	48.507	ug/l	100
64) Tetrachloroethene	8.552	164	108611	48.356	ug/l	89
65) Chlorobenzene	9.446	112	349842	48.867	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	135693	50.244	ug/l	98
67) Ethyl Benzene	9.568	91	641130	48.781	ug/l	97
68) m/p-Xylenes	9.693	106	480185	98.744	ug/l	91
69) o-Xylene	10.098	106	238666	49.437	ug/l	89
70) Styrene	10.115	104	395941	51.043	ug/l	96
71) Bromoform	10.291	173	115372	49.810	ug/l	99
73) Isopropylbenzene	10.481	105	615526	52.024	ug/l	96
74) N-amyl acetate	10.317	43	316805	50.592	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	253336	50.548	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	268668	47.719	ug/l	100
77) Bromobenzene	10.780	156	145882	50.513	ug/l	84
78) n-propylbenzene	10.906	91	724004	50.360	ug/l	96
79) 2-Chlorotoluene	10.986	91	435731	49.194	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	520345	50.377	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	61018	40.022	ug/l	93
82) 4-Chlorotoluene	11.095	91	492273	49.415	ug/l	94
83) tert-Butylbenzene	11.420	119	501195	49.333	ug/l	93
84) 1,2,4-Trimethylbenzene	11.465	105	517693	51.018	ug/l	95
85) sec-Butylbenzene	11.642	105	621307	48.641	ug/l	97
86) p-Isopropyltoluene	11.793	119	508815	49.257	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	265661	48.116	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	263951	47.563	ug/l	98
89) n-Butylbenzene	12.208	91	450852	47.150	ug/l	98
90) Hexachloroethane	12.475	117	88873	43.195	ug/l	85
91) 1,2-Dichlorobenzene	12.211	146	272789	49.172	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.995	75	64426	50.132	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	174012	46.853	ug/l	98
94) Hexachlorobutadiene	14.021	225	67855	39.430	ug/l	100
95) Naphthalene	14.085	128	649950	49.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	179787	47.043	ug/l	98

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

