

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061621\
 Data File : VU044240.D
 Acq On : 16 Jun 2021 14:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 9:22:12 AM

Quant Time: Jun 17 04:57:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	215199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	364330	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	345450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	187895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	136358	39.845	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.680%	
35) Dibromofluoromethane	5.298	113	115754	45.673	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.340%	
50) Toluene-d8	7.906	98	433690	44.558	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.120%	
62) 4-Bromofluorobenzene	10.639	95	177412	45.483	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.392	85	117362	38.661	ug/l	99
3) Chloromethane	1.523	50	130558	37.440	ug/l	100
4) Vinyl Chloride	1.610	62	138459	38.230	ug/l	99
5) Bromomethane	1.864	94	68621	45.916	ug/l	98
6) Chloroethane	1.938	64	68046	33.100	ug/l	97
7) Trichlorofluoromethane	2.144	101	173552	39.837	ug/l	98
8) Diethyl Ether	2.385	74	74166	41.616	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.588	101	112394	42.350	ug/l	95
10) Methyl Iodide	2.732	142	148060	48.364	ug/l	96
11) Tert butyl alcohol	3.247	59	168363m	182.880	ug/l	
12) 1,1-Dichloroethene	2.588	96	114044	43.104	ug/l	96
13) Acrolein	2.498	56	60244	119.392	ug/l	99
14) Allyl chloride	2.932	41	198207	40.146	ug/l	97
15) Acrylonitrile	3.327	53	407586	214.114	ug/l	99
16) Acetone	2.646	43	364980	206.181	ug/l	98
17) Carbon Disulfide	2.803	76	336019	39.552	ug/l	100
18) Methyl Acetate	2.961	43	192399	43.705	ug/l	97
19) Methyl tert-butyl Ether	3.375	73	368542	45.616	ug/l	100
20) Methylene Chloride	3.057	84	139417	45.090	ug/l	94
21) trans-1,2-Dichloroethene	3.363	96	126781	43.380	ug/l	98
22) Diisopropyl ether	4.002	45	350719	41.263	ug/l #	82
23) Vinyl Acetate	3.967	43	1684524	208.847	ug/l	97
24) 1,1-Dichloroethane	3.880	63	234082	41.441	ug/l	99
25) 2-Butanone	4.719	43	585642	205.029	ug/l	96
26) 2,2-Dichloropropane	4.678	77	188856	42.336	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	146475	44.927	ug/l	94
28) Bromochloromethane	4.983	49	107321	39.828	ug/l	87
29) Tetrahydrofuran	5.063	42	335504	216.075	ug/l	95
30) Chloroform	5.099	83	231713	42.006	ug/l	99
31) Cyclohexane	5.398	56	192728	39.905	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	195770	42.685	ug/l	96
36) 1,1-Dichloropropene	5.536	75	178765	44.102	ug/l	98
37) Ethyl Acetate	4.816	43	213180	43.920	ug/l	99
38) Carbon Tetrachloride	5.533	117	165327	45.178	ug/l	100
39) Methylcyclohexane	6.771	83	199941	46.242	ug/l	95
40) Benzene	5.784	78	532534	44.336	ug/l	100

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41) Methacrylonitrile	4.983	41	110748	44.568	ug/l	97
42) 1,2-Dichloroethane	5.803	62	174901	41.264	ug/l	98
43) Isopropyl Acetate	5.922	43	311772	45.272	ug/l	97
44) Trichloroethene	6.552	130	135125	48.822	ug/l	97
45) 1,2-Dichloropropane	6.800	63	138327	42.399	ug/l	99
46) Dibromomethane	6.925	93	92907	44.178	ug/l	94
47) Bromodichloromethane	7.115	83	181262	43.806	ug/l	98
48) Methyl methacrylate	6.967	41	148983	44.455	ug/l	96
49) 1,4-Dioxane	7.009	88	72865	831.255	ug/l #	83
51) 4-Methyl-2-Pentanone	7.800	43	1083104	217.294	ug/l	97
52) Toluene	7.976	92	333076	46.782	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	211712	46.760	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	227287	46.527	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	133869	44.769	ug/l	99
56) Ethyl methacrylate	8.340	69	223428	48.914	ug/l	96
57) 1,3-Dichloropropane	8.581	76	235088	44.312	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	373187	230.825	ug/l	96
59) 2-Hexanone	8.694	43	843915	212.150	ug/l	95
60) Dibromochloromethane	8.816	129	140508	47.250	ug/l	99
61) 1,2-Dibromoethane	8.931	107	145205	46.167	ug/l	100
64) Tetrachloroethene	8.558	164	119098	50.153	ug/l	98
65) Chlorobenzene	9.452	112	348975	47.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	121888	47.244	ug/l	99
67) Ethyl Benzene	9.578	91	646340	48.712	ug/l	99
68) m/p-Xylenes	9.700	106	492733	99.428	ug/l	98
69) o-Xylene	10.108	106	237658	50.577	ug/l	96
70) Styrene	10.121	104	408477	49.911	ug/l	99
71) Bromoform	10.298	173	107312	48.877	ug/l #	99
73) Isopropylbenzene	10.491	105	637583	50.673	ug/l	100
74) N-amyl acetate	10.327	43	267982	47.425	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	235834	43.057	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	281101	44.621	ug/l	99
77) Bromobenzene	10.790	156	151346	47.847	ug/l	92
78) n-propylbenzene	10.912	91	782601	47.792	ug/l	99
79) 2-Chlorotoluene	10.992	91	450049	46.389	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	556613	49.726	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	82642	47.554	ug/l	95
82) 4-Chlorotoluene	11.102	91	537077	46.875	ug/l	98
83) tert-Butylbenzene	11.427	119	527450	50.225	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	572925	50.943	ug/l	100
85) sec-Butylbenzene	11.648	105	685105	49.674	ug/l	99
86) p-Isopropyltoluene	11.800	119	609001	51.544	ug/l	98
87) 1,3-Dichlorobenzene	11.751	146	295714	47.627	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	297676	45.044	ug/l	99
89) n-Butylbenzene	12.214	91	583890	48.654	ug/l	98
90) Hexachloroethane	12.481	117	86363	46.188	ug/l	94
91) 1,2-Dichlorobenzene	12.217	146	288907	46.278	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	57401	46.332	ug/l	90
93) 1,2,4-Trichlorobenzene	13.848	180	209631	53.350	ug/l	99
94) Hexachlorobutadiene	14.028	225	106928	50.711	ug/l	100
95) Naphthalene	14.092	128	686303	51.853	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	200122	52.530	ug/l	100

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

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