

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045062.D
 Acq On : 01 Oct 2021 10:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 12:25:27 PM

Quant Time: Oct 02 03:09:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	164681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	298175	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	299692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	153414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	122185	44.572	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.140%		
35) Dibromofluoromethane	5.292	113	83540	44.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.820%		
50) Toluene-d8	7.903	98	333491	44.872	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.740%#		
62) 4-Bromofluorobenzene	10.639	95	140652	45.839	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	93556	45.877	ug/l	99
3) Chloromethane	1.517	50	111818	42.332	ug/l	100
4) Vinyl Chloride	1.604	62	116270	44.083	ug/l	95
5) Bromomethane	1.835	94	44216	42.738	ug/l	100
6) Chloroethane	1.906	64	36203	17.868	ug/l	99
7) Trichlorofluoromethane	2.112	101	152042	43.652	ug/l	100
8) Diethyl Ether	2.376	74	75559	47.335	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.568	101	94633	47.774	ug/l	99
10) Methyl Iodide	2.713	142	93913	44.419	ug/l	97
11) Tert butyl alcohol	3.314	59	193309m	245.698	ug/l	
12) 1,1-Dichloroethene	2.568	96	92321	47.283	ug/l	94
13) Acrolein	2.488	56	38747	252.550	ug/l	97
14) Allyl chloride	2.919	41	166248	46.009	ug/l	98
15) Acrylonitrile	3.321	53	408732	257.593	ug/l	100
16) Acetone	2.639	43	437860	269.089	ug/l	100
17) Carbon Disulfide	2.784	76	248565	43.126	ug/l	99
18) Methyl Acetate	2.951	43	238922	50.238	ug/l	96
19) Methyl tert-butyl Ether	3.369	73	378331	50.196	ug/l	100
20) Methylene Chloride	3.044	84	113798	46.431	ug/l	94
21) trans-1,2-Dichloroethene	3.350	96	101424	47.486	ug/l	93
22) Diisopropyl ether	3.999	45	365653	49.566	ug/l	93
23) Vinyl Acetate	3.957	43	1527868	254.652	ug/l	98
24) 1,1-Dichloroethane	3.867	63	203629	48.083	ug/l	100
25) 2-Butanone	4.713	43	540908	233.971	ug/l	97
26) 2,2-Dichloropropane	4.665	77	174839	48.832	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	120995	47.964	ug/l	99
28) Bromochloromethane	4.977	49	87535	49.870	ug/l	95
29) Tetrahydrofuran	5.057	42	348553	253.272	ug/l	96
30) Chloroform	5.092	83	206354	48.345	ug/l	98
31) Cyclohexane	5.388	56	188402	45.244	ug/l	97
32) 1,1,1-Trichloroethane	5.318	97	171166	48.601	ug/l	99
36) 1,1-Dichloropropene	5.527	75	151394	48.552	ug/l	99
37) Ethyl Acetate	4.806	43	260129	63.050	ug/l	96
38) Carbon Tetrachloride	5.523	117	130166	48.241	ug/l	98
39) Methylcyclohexane	6.764	83	183863	48.031	ug/l	98
40) Benzene	5.774	78	447901	48.228	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	100839	47.477	ug/l	92
42) 1,2-Dichloroethane	5.797	62	178047	48.777	ug/l	100
43) Isopropyl Acetate	5.919	43	316497	50.990	ug/l	98
44) Trichloroethene	6.543	130	103305	47.179	ug/l	96
45) 1,2-Dichloropropane	6.793	63	121345	49.283	ug/l	99
46) Dibromomethane	6.922	93	82741	49.883	ug/l	99
47) Bromodichloromethane	7.112	83	163420	50.742	ug/l	100
48) Methyl methacrylate	6.967	41	155076	51.329	ug/l	96
49) 1,4-Dioxane	6.996	88	71210	922.736	ug/l	97
51) 4-Methyl-2-Pentanone	7.813	43	1165796	257.991	ug/l	98
52) Toluene	7.973	92	281487	48.428	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	193453	52.528	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	198734	51.805	ug/l	99
55) 1,1,2-Trichloroethane	8.411	97	125186	51.690	ug/l	99
56) Ethyl methacrylate	8.346	69	224711	47.865	ug/l	99
57) 1,3-Dichloropropane	8.581	76	216944	50.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	336471	226.145	ug/l	98
59) 2-Hexanone	8.703	43	949395	258.004	ug/l	98
60) Dibromochloromethane	8.819	129	122660	47.863	ug/l	98
61) 1,2-Dibromoethane	8.932	107	132391	51.426	ug/l	100
64) Tetrachloroethene	8.555	164	88316	45.151	ug/l	99
65) Chlorobenzene	9.452	112	305170	48.568	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	108856	49.623	ug/l	99
67) Ethyl Benzene	9.575	91	562670	48.665	ug/l	98
68) m/p-Xylenes	9.700	106	429638	95.647	ug/l	98
69) o-Xylene	10.105	106	216889	48.650	ug/l	99
70) Styrene	10.121	104	372106	49.753	ug/l	99
71) Bromoform	10.301	173	95364	45.449	ug/l #	100
73) Isopropylbenzene	10.491	105	568334	49.747	ug/l	100
74) N-amyl acetate	10.327	43	293606	51.040	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	244761	49.515	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	224782m	50.233	ug/l	
77) Bromobenzene	10.790	156	132894	48.172	ug/l	97
78) n-propylbenzene	10.912	91	698121	50.144	ug/l	100
79) 2-Chlorotoluene	10.993	91	421762	48.329	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	496445	49.603	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	82773	51.334	ug/l	97
82) 4-Chlorotoluene	11.102	91	488210	49.494	ug/l	99
83) tert-Butylbenzene	11.427	119	479441	49.250	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	496448	50.139	ug/l	99
85) sec-Butylbenzene	11.648	105	628692	50.149	ug/l	100
86) p-Isopropyltoluene	11.800	119	513860	50.956	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	254730	48.217	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	256370	47.437	ug/l	99
89) n-Butylbenzene	12.214	91	476183	51.267	ug/l	99
90) Hexachloroethane	12.481	117	89200	48.984	ug/l	99
91) 1,2-Dichlorobenzene	12.218	146	256103	47.422	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	57955	49.689	ug/l	97
93) 1,2,4-Trichlorobenzene	13.845	180	147505	49.011	ug/l	99
94) Hexachlorobutadiene	14.025	225	59114	47.052	ug/l	99
95) Naphthalene	14.089	128	549987	48.588	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	145432	48.115	ug/l	99

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

