

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045013.D
 Acq On : 29 Sep 2021 23:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 11:58:38 AM

Quant Time: Sep 30 00:03:41 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	171274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	318572	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	313799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	153557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	148091	51.94	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.88%			
35) Dibromofluoromethane	5.292	113	103285	51.39	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.78%			
50) Toluene-d8	7.903	98	413816	52.11	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.22%			
62) 4-Bromofluorobenzene	10.636	95	168751	51.48	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.96%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	98029	46.22	ug/l	96
3) Chloromethane	1.520	50	113991	41.49	ug/l	98
4) Vinyl Chloride	1.604	62	131476	47.93	ug/l	99
5) Bromomethane	1.829	94	49162	45.69	ug/l	97
6) Chloroethane	1.912	64	87636	41.59	ug/l	98
7) Trichlorofluoromethane	2.128	101	177373	48.96	ug/l	100
8) Diethyl Ether	2.379	74	81544	49.12	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.578	101	97535	47.34	ug/l	97
10) Methyl Iodide	2.719	142	111953	50.91	ug/l	97
11) Tert butyl alcohol	3.202	59	184537	225.52	ug/l	100
12) 1,1-Dichloroethene	2.575	96	97851	48.19	ug/l	95
13) Acrolein	2.488	56	33453	210.18	ug/l	97
14) Allyl chloride	2.922	41	176297	46.91	ug/l	95
15) Acrylonitrile	3.314	53	398848	241.69	ug/l	100
16) Acetone	2.629	43	338244	199.87	ug/l	100
17) Carbon Disulfide	2.790	76	271298	45.26	ug/l	100
18) Methyl Acetate	2.948	43	236299	47.77	ug/l	96
19) Methyl tert-butyl Ether	3.369	73	386712	49.33	ug/l	99
20) Methylene Chloride	3.047	84	122179	47.93	ug/l	95
21) trans-1,2-Dichloroethene	3.353	96	106028	47.73	ug/l	97
22) Diisopropyl ether	3.996	45	373587	48.69	ug/l	97
23) Vinyl Acetate	3.957	43	1525290	244.44	ug/l	96
24) 1,1-Dichloroethane	3.871	63	212413	48.23	ug/l	100
25) 2-Butanone	4.703	43	553781	230.32	ug/l	98
26) 2,2-Dichloropropane	4.668	77	150254	40.35	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	126818	48.34	ug/l	96
28) Bromochloromethane	4.977	49	103462	56.67	ug/l	92
29) Tetrahydrofuran	5.051	42	346540	242.12	ug/l	94
30) Chloroform	5.092	83	214110	48.23	ug/l	100
31) Cyclohexane	5.388	56	192776	44.51	ug/l	95
32) 1,1,1-Trichloroethane	5.317	97	181083	49.44	ug/l	98
36) 1,1-Dichloropropene	5.530	75	157346	47.23	ug/l	99
37) Ethyl Acetate	4.806	43	205991	46.73	ug/l	97
38) Carbon Tetrachloride	5.526	117	138970	48.21	ug/l	99
39) Methylcyclohexane	6.764	83	190372	46.55	ug/l	96
40) Benzene	5.777	78	469756	47.34	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	110259	48.59	ug/l	97
42) 1,2-Dichloroethane	5.797	62	185795	47.64	ug/l	100
43) Isopropyl Acetate	5.915	43	315866	47.63	ug/l	98
44) Trichloroethene	6.546	130	111160	47.52	ug/l	97
45) 1,2-Dichloropropane	6.793	63	125211	47.60	ug/l	96
46) Dibromomethane	6.922	93	85280	48.12	ug/l	98
47) Bromodichloromethane	7.108	83	170442	49.53	ug/l	99
48) Methyl methacrylate	6.964	41	153911	47.68	ug/l	95
49) 1,4-Dioxane	6.967	88	70088	846.74	ug/l	93
51) 4-Methyl-2-Pentanone	7.796	43	1148824	237.96	ug/l	98
52) Toluene	7.973	92	303985	48.95	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	190987	48.54	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	200640	48.95	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	128086	49.50	ug/l	100
56) Ethyl methacrylate	8.337	69	226201	45.20	ug/l	98
57) 1,3-Dichloropropane	8.578	76	221857	48.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	349058	220.22	ug/l	97
59) 2-Hexanone	8.690	43	912478	232.09	ug/l	97
60) Dibromochloromethane	8.812	129	125413	45.90	ug/l	99
61) 1,2-Dibromoethane	8.928	107	136464	49.61	ug/l	99
64) Tetrachloroethene	8.555	164	100935	49.28	ug/l	98
65) Chlorobenzene	9.449	112	317455	48.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	112015	48.77	ug/l	99
67) Ethyl Benzene	9.575	91	595163	49.16	ug/l	100
68) m/p-Xylenes	9.697	106	451837	96.07	ug/l	98
69) o-Xylene	10.105	106	229376	49.14	ug/l	100
70) Styrene	10.118	104	390259	49.83	ug/l	99
71) Bromoform	10.295	173	96376	43.91	ug/l #	99
73) Isopropylbenzene	10.488	105	595397	52.07	ug/l	100
74) N-amyl acetate	10.324	43	289608	50.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	238423	48.19	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	223627m	49.93	ug/l	
77) Bromobenzene	10.787	156	138323	50.09	ug/l	99
78) n-propylbenzene	10.909	91	725560	52.07	ug/l	100
79) 2-Chlorotoluene	10.989	91	434157	49.70	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	515257	51.43	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	72957	45.20	ug/l	99
82) 4-Chlorotoluene	11.099	91	498583	50.50	ug/l	100
83) tert-Butylbenzene	11.423	119	498371	51.15	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	518783	52.35	ug/l	99
85) sec-Butylbenzene	11.645	105	647733	51.62	ug/l	100
86) p-Isopropyltoluene	11.796	119	524824	51.99	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	259409	49.06	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	260038	48.07	ug/l	98
89) n-Butylbenzene	12.211	91	475346	51.13	ug/l	99
90) Hexachloroethane	12.478	117	90208	49.49	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	263124	48.68	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	58238	49.88	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	146043	48.48	ug/l	99
94) Hexachlorobutadiene	14.025	225	56459	44.90	ug/l	98
95) Naphthalene	14.089	128	555766	49.05	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	146002	48.26	ug/l	99

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

