

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045033.D
 Acq On : 30 Sep 2021 07:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 12:01:17 PM

Quant Time: Sep 30 08:30:09 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	160113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	303658	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	307891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	158191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	138952	52.13	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.26%			
35) Dibromofluoromethane	5.292	113	97710	51.01	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.02%			
50) Toluene-d8	7.903	98	387618	51.21	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.42%			
62) 4-Bromofluorobenzene	10.636	95	163822	52.43	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.86%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	93500	47.16	ug/l	98
3) Chloromethane	1.520	50	109564	42.66	ug/l	99
4) Vinyl Chloride	1.604	62	128306	50.03	ug/l	99
5) Bromomethane	1.829	94	41757	41.51	ug/l	100
6) Chloroethane	1.906	64	86777	44.05	ug/l	99
7) Trichlorofluoromethane	2.121	101	164333	48.53	ug/l	100
8) Diethyl Ether	2.379	74	77808	50.13	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.575	101	91193	47.35	ug/l	98
10) Methyl Iodide	2.720	142	112493	54.73	ug/l	97
11) Tert butyl alcohol	3.211	59	193404	252.83	ug/l	100
12) 1,1-Dichloroethene	2.575	96	92223	48.58	ug/l	95
13) Acrolein	2.488	56	26039	175.53	ug/l	99
14) Allyl chloride	2.919	41	165847	47.21	ug/l	97
15) Acrylonitrile	3.318	53	389710	252.61	ug/l	100
16) Acetone	2.630	43	339834	214.80	ug/l	100
17) Carbon Disulfide	2.787	76	256965	45.86	ug/l	100
18) Methyl Acetate	2.951	43	244179	52.81	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	368280	50.26	ug/l	99
20) Methylene Chloride	3.044	84	117486	49.30	ug/l	95
21) trans-1,2-Dichloroethene	3.353	96	102282	49.25	ug/l	94
22) Diisopropyl ether	3.999	45	352934	49.21	ug/l	90
23) Vinyl Acetate	3.957	43	1429045	244.98	ug/l	98
24) 1,1-Dichloroethane	3.871	63	203766	49.49	ug/l	99
25) 2-Butanone	4.707	43	550773	245.03	ug/l	97
26) 2,2-Dichloropropane	4.668	77	109007	31.31	ug/l	96
27) cis-1,2-Dichloroethene	4.668	96	120106	48.97	ug/l	95
28) Bromochloromethane	4.977	49	98783	57.88	ug/l	93
29) Tetrahydrofuran	5.054	42	341059	254.90	ug/l	95
30) Chloroform	5.092	83	205117	49.43	ug/l	98
31) Cyclohexane	5.388	56	182966	45.19	ug/l	96
32) 1,1,1-Trichloroethane	5.317	97	170602	49.82	ug/l	99
36) 1,1-Dichloropropene	5.526	75	149827	47.18	ug/l	100
37) Ethyl Acetate	4.806	43	201066	47.85	ug/l	98
38) Carbon Tetrachloride	5.526	117	131919	48.01	ug/l	99
39) Methylcyclohexane	6.764	83	177130	45.44	ug/l	96
40) Benzene	5.777	78	452293	47.82	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	107243	49.58	ug/l	96
42) 1,2-Dichloroethane	5.797	62	176898	47.59	ug/l	99
43) Isopropyl Acetate	5.916	43	308309	48.77	ug/l	99
44) Trichloroethene	6.546	130	105740	47.42	ug/l	99
45) 1,2-Dichloropropane	6.793	63	119450	47.64	ug/l	98
46) Dibromomethane	6.922	93	82471	48.82	ug/l	99
47) Bromodichloromethane	7.108	83	163827	49.95	ug/l	100
48) Methyl methacrylate	6.964	41	151619	49.28	ug/l	94
49) 1,4-Dioxane	6.970	88	73065	929.99	ug/l	93
51) 4-Methyl-2-Pentanone	7.796	43	1162341	252.58	ug/l	98
52) Toluene	7.973	92	289012	48.82	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	179104	47.75	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	185946	47.60	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	126955	51.47	ug/l	99
56) Ethyl methacrylate	8.337	69	223457	46.78	ug/l	99
57) 1,3-Dichloropropane	8.581	76	219820	49.94	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.469	63	366179	240.17	ug/l	98
59) 2-Hexanone	8.690	43	939207	250.63	ug/l	98
60) Dibromochloromethane	8.816	129	125232	47.98	ug/l	100
61) 1,2-Dibromoethane	8.928	107	133409	50.89	ug/l	100
64) Tetrachloroethene	8.555	164	90213	44.89	ug/l	96
65) Chlorobenzene	9.449	112	312677	48.44	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	111440	49.45	ug/l	99
67) Ethyl Benzene	9.575	91	573900	48.31	ug/l	100
68) m/p-Xylenes	9.697	106	444724	96.37	ug/l	99
69) o-Xylene	10.105	106	223361	48.77	ug/l	99
70) Styrene	10.118	104	387535	50.44	ug/l	99
71) Bromoform	10.295	173	96130	44.61	ug/l #	100
73) Isopropylbenzene	10.488	105	588950	49.99	ug/l	99
74) N-amyl acetate	10.324	43	294163	49.59	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	243970	47.86	ug/l	99
76) 1,2,3-Trichloropropane	10.829	75	225391m	48.85	ug/l	
77) Bromobenzene	10.787	156	138523	48.70	ug/l	99
78) n-propylbenzene	10.909	91	715827	49.86	ug/l	100
79) 2-Chlorotoluene	10.989	91	434180	48.25	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	512734	49.68	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	68781	41.37	ug/l	98
82) 4-Chlorotoluene	11.099	91	497898	48.95	ug/l	100
83) tert-Butylbenzene	11.423	119	496889	49.50	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	511297	50.08	ug/l	100
85) sec-Butylbenzene	11.648	105	642586	49.71	ug/l	100
86) p-Isopropyltoluene	11.796	119	526301	50.61	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	259651	47.66	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	259774	46.62	ug/l	99
89) n-Butylbenzene	12.211	91	465793	48.63	ug/l	100
90) Hexachloroethane	12.478	117	92964	49.51	ug/l	98
91) 1,2-Dichlorobenzene	12.218	146	262823	47.20	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	59318	49.32	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	143077	46.10	ug/l	99
94) Hexachlorobutadiene	14.025	225	55479	42.83	ug/l	99
95) Naphthalene	14.089	128	542457	46.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	142340	45.67	ug/l	98

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

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