

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102521\
 Data File : VU045374.D
 Acq On : 25 Oct 2021 10:33
 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
 10/27/2021 9:19:44 AM

Quant Time: Oct 26 04:38:53 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	211425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	384603	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	364692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	166349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	177439	50.417	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.840%	
35) Dibromofluoromethane	5.295	113	129975	53.571	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.140%	
50) Toluene-d8	7.902	98	501013	52.263	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	10.645	95	190103	48.033	ug/l	0.01
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.060%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	148160	56.590	ug/l	98
3) Chloromethane	1.520	50	168630	49.725	ug/l	100
4) Vinyl Chloride	1.604	62	174410	51.507	ug/l	100
5) Bromomethane	1.854	94	89961	67.729	ug/l	100
6) Chloroethane	1.925	64	59551	22.893	ug/l	99
7) Trichlorofluoromethane	2.108	101	108946	24.363	ug/l	99
8) Diethyl Ether	2.372	74	100122	48.856	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.562	101	130082	51.150	ug/l	98
10) Methyl Iodide	2.710	142	159814	58.878	ug/l	96
11) Tert butyl alcohol	3.504	59	242173m	239.752	ug/l	
12) 1,1-Dichloroethene	2.562	96	124450	49.647	ug/l	95
13) Acrolein	2.491	56	72622	367.256	ug/l	98
14) Allyl chloride	2.915	41	226943	48.921	ug/l	98
15) Acrylonitrile	3.327	53	533749	262.011	ug/l	99
16) Acetone	2.649	43	705229	337.581	ug/l	99
17) Carbon Disulfide	2.777	76	352682	47.662	ug/l	100
18) Methyl Acetate	2.954	43	339655	55.629	ug/l	96
19) Methyl tert-butyl Ether	3.372	73	493471	50.997	ug/l	100
20) Methylene Chloride	3.041	84	150982	47.983	ug/l	94
21) trans-1,2-Dichloroethene	3.343	96	136325	49.715	ug/l	95
22) Diisopropyl ether	4.002	45	479852	50.665	ug/l	98
23) Vinyl Acetate	3.960	43	1914840	248.588	ug/l	98
24) 1,1-Dichloroethane	3.864	63	271571	49.949	ug/l	99
25) 2-Butanone	4.722	43	736928	248.285	ug/l	97
26) 2,2-Dichloropropane	4.665	77	237741	51.720	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	160994	49.710	ug/l	99
28) Bromochloromethane	4.976	49	108177	48.004	ug/l	92
29) Tetrahydrofuran	5.063	42	456901	258.599	ug/l	95
30) Chloroform	5.092	83	267019	48.727	ug/l	100
31) Cyclohexane	5.385	56	260020	48.638	ug/l	96
32) 1,1,1-Trichloroethane	5.317	97	223310	49.389	ug/l	98
36) 1,1-Dichloropropene	5.526	75	200947	49.961	ug/l	99
37) Ethyl Acetate	4.813	43	372860	70.065	ug/l	# 93
38) Carbon Tetrachloride	5.523	117	179139	51.472	ug/l	97
39) Methylcyclohexane	6.764	83	258133	52.280	ug/l	96
40) Benzene	5.774	78	591829	49.405	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	124378	45.400	ug/l #	87
42) 1,2-Dichloroethane	5.796	62	223124	47.390	ug/l	99
43) Isopropyl Acetate	5.922	43	420217	52.487	ug/l	100
44) Trichloroethene	6.546	130	138351	48.985	ug/l	98
45) 1,2-Dichloropropane	6.796	63	157007	49.437	ug/l	99
46) Dibromomethane	6.925	93	105681	49.396	ug/l	98
47) Bromodichloromethane	7.111	83	213161	51.314	ug/l	99
48) Methyl methacrylate	6.970	41	190829	48.969	ug/l	96
49) 1,4-Dioxane	7.054	88	95615	962.274	ug/l #	1
51) 4-Methyl-2-Pentanone	7.832	43	1337635	229.498	ug/l	97
52) Toluene	7.976	92	373114	49.766	ug/l	99
53) t-1,3-Dichloropropene	8.221	75	249690	52.562	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	263399	53.232	ug/l	96
55) 1,1,2-Trichloroethane	8.410	97	152650	48.866	ug/l	99
56) Ethyl methacrylate	8.353	69	268476	44.471	ug/l	96
57) 1,3-Dichloropropane	8.584	76	273440	49.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	470460	243.307	ug/l	97
59) 2-Hexanone	8.716	43	1129676	238.008	ug/l	96
60) Dibromochloromethane	8.825	129	152446	46.198	ug/l	99
61) 1,2-Dibromoethane	8.931	107	164875	49.652	ug/l	99
64) Tetrachloroethene	8.558	164	117201	49.239	ug/l	98
65) Chlorobenzene	9.455	112	379844	49.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.545	131	135475	50.750	ug/l	99
67) Ethyl Benzene	9.578	91	724696	51.507	ug/l	100
68) m/p-Xylenes	9.703	106	551107	100.821	ug/l	99
69) o-Xylene	10.108	106	270647	49.888	ug/l	99
70) Styrene	10.124	104	450133	49.459	ug/l	99
71) Bromoform	10.307	173	111222	43.605	ug/l #	100
73) Isopropylbenzene	10.491	105	701309	56.613	ug/l	99
74) N-amyl acetate	10.333	43	334175	53.575	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.796	83	261999	48.880	ug/l	99
76) 1,2,3-Trichloropropane	10.838	75	260551m	53.699	ug/l	
77) Bromobenzene	10.793	156	156760	52.405	ug/l	100
78) n-propylbenzene	10.912	91	856956	56.766	ug/l	100
79) 2-Chlorotoluene	10.996	91	500172	52.858	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	594627	54.793	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.558	75	96102	54.966	ug/l	95
82) 4-Chlorotoluene	11.105	91	569476	53.243	ug/l	100
83) tert-Butylbenzene	11.430	119	571976	54.187	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	587011	54.675	ug/l	100
85) sec-Butylbenzene	11.651	105	746957	54.950	ug/l	100
86) p-Isopropyltoluene	11.799	119	609850	55.772	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	289881	50.604	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	292830	49.971	ug/l	100
89) n-Butylbenzene	12.214	91	573858	56.979	ug/l	100
90) Hexachloroethane	12.484	117	109551	55.481	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	289081	49.367	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	66657	52.706	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	180848	55.417	ug/l	99
94) Hexachlorobutadiene	14.028	225	74472	54.667	ug/l	99
95) Naphthalene	14.092	128	671752	54.730	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	186194	56.811	ug/l	99

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

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