

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102521\
 Data File : VU045397.D
 Acq On : 25 Oct 2021 20:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/27/2021 9:20:06 AM

Quant Time: Oct 26 04:47:23 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	189724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	353339	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	329018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	156706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	164982	52.239	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.480%			
35) Dibromofluoromethane	5.292	113	119513	53.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.240%			
50) Toluene-d8	7.899	98	461822	52.438	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.880%			
62) 4-Bromofluorobenzene	10.636	95	174452	47.979	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	137205	58.400	ug/l	99
3) Chloromethane	1.520	50	163260	53.648	ug/l	98
4) Vinyl Chloride	1.604	62	167492	55.122	ug/l	98
5) Bromomethane	1.851	94	77632	65.132	ug/l	99
6) Chloroethane	1.922	64	64037	27.433	ug/l	98
7) Trichlorofluoromethane	2.131	101	201048	50.102	ug/l	99
8) Diethyl Ether	2.379	74	93929	51.076	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.578	101	118541	51.944	ug/l	98
10) Methyl Iodide	2.723	142	164460	67.519	ug/l	95
11) Tert butyl alcohol	3.263	59	160302m	176.852	ug/l	
12) 1,1-Dichloroethene	2.578	96	119128	52.959	ug/l	94
13) Acrolein	2.488	56	146191	819.978	ug/l	98
14) Allyl chloride	2.922	41	213464	51.279	ug/l	97
15) Acrylonitrile	3.321	53	420171	229.849	ug/l	99
16) Acetone	2.636	43	341785	182.320	ug/l	98
17) Carbon Disulfide	2.793	76	325135	48.965	ug/l	100
18) Methyl Acetate	2.951	43	274686	50.134	ug/l	97
19) Methyl tert-butyl Ether	3.366	73	454743	52.370	ug/l	99
20) Methylene Chloride	3.047	84	143999	50.998	ug/l	93
21) trans-1,2-Dichloroethene	3.353	96	127087	51.647	ug/l	96
22) Diisopropyl ether	3.999	45	448250	52.742	ug/l	91
23) Vinyl Acetate	3.957	43	1724425	249.474	ug/l	97
24) 1,1-Dichloroethane	3.871	63	255597	52.388	ug/l	100
25) 2-Butanone	4.710	43	539117	202.415	ug/l	97
26) 2,2-Dichloropropane	4.668	77	170898	41.431	ug/l	97
27) cis-1,2-Dichloroethene	4.668	96	150281	51.710	ug/l	95
28) Bromochloromethane	4.977	49	93544	46.259	ug/l	93
29) Tetrahydrofuran	5.054	42	351336	221.596	ug/l	96
30) Chloroform	5.092	83	249444	50.726	ug/l	100
31) Cyclohexane	5.391	56	239652	49.955	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	208387	51.360	ug/l	97
36) 1,1-Dichloropropene	5.530	75	182881	49.493	ug/l	99
37) Ethyl Acetate	4.806	43	213705	43.711	ug/l	98
38) Carbon Tetrachloride	5.526	117	166008	51.919	ug/l	96
39) Methylcyclohexane	6.768	83	230312	50.772	ug/l	97
40) Benzene	5.777	78	553821	50.323	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	117387	46.639	ug/l	97
42) 1,2-Dichloroethane	5.797	62	207026	47.861	ug/l	99
43) Isopropyl Acetate	5.916	43	338145	45.973	ug/l	97
44) Trichloroethene	6.546	130	127149	49.002	ug/l	98
45) 1,2-Dichloropropane	6.793	63	148156	50.777	ug/l	98
46) Dibromomethane	6.919	93	99487	50.615	ug/l	99
47) Bromodichloromethane	7.108	83	196178	51.404	ug/l	99
48) Methyl methacrylate	6.964	41	163546	45.681	ug/l	96
49) 1,4-Dioxane	6.999	88	63384	682.643	ug/l #	82
51) 4-Methyl-2-Pentanone	7.796	43	1091819	203.898	ug/l	97
52) Toluene	7.973	92	344423	50.004	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	213992	49.033	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	231010	50.817	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	138427	48.234	ug/l	99
56) Ethyl methacrylate	8.337	69	238157	43.002	ug/l	94
57) 1,3-Dichloropropane	8.578	76	245596	47.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	391274	222.331	ug/l	97
59) 2-Hexanone	8.690	43	821668	188.432	ug/l	96
60) Dibromochloromethane	8.813	129	136132	44.965	ug/l	99
61) 1,2-Dibromoethane	8.928	107	146701	48.088	ug/l	100
64) Tetrachloroethene	8.555	164	104920	48.859	ug/l	99
65) Chlorobenzene	9.449	112	342640	49.671	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	121899	50.616	ug/l	100
67) Ethyl Benzene	9.575	91	645474	50.850	ug/l	99
68) m/p-Xylenes	9.697	106	494894	100.354	ug/l	100
69) o-Xylene	10.102	106	243364	49.723	ug/l	100
70) Styrene	10.118	104	409315	49.850	ug/l	100
71) Bromoform	10.295	173	98236	42.714	ug/l #	100
73) Isopropylbenzene	10.488	105	623896	53.463	ug/l	99
74) N-amyl acetate	10.324	43	301104	51.243	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.787	83	239470	47.426	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	207110m	45.311	ug/l	
77) Bromobenzene	10.787	156	143905	51.068	ug/l	98
78) n-propylbenzene	10.909	91	750724	52.790	ug/l	100
79) 2-Chlorotoluene	10.989	91	452333	50.744	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	537289	52.556	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	74454	45.205	ug/l	95
82) 4-Chlorotoluene	11.099	91	515501	51.162	ug/l	100
83) tert-Butylbenzene	11.423	119	514004	51.691	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	534571	52.855	ug/l	100
85) sec-Butylbenzene	11.645	105	665388	51.961	ug/l	99
86) p-Isopropyltoluene	11.796	119	547066	53.109	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	268645	49.783	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	269800	48.874	ug/l	99
89) n-Butylbenzene	12.211	91	502044	52.916	ug/l	99
90) Hexachloroethane	12.478	117	98457	52.931	ug/l	99
91) 1,2-Dichlorobenzene	12.218	146	273676	49.612	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	53536	44.936	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	168510	54.814	ug/l	99
94) Hexachlorobutadiene	14.025	225	65085	50.717	ug/l	98
95) Naphthalene	14.089	128	606476	52.452	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	173550	56.212	ug/l	99

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

