

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045753.D
 Acq On : 11 Nov 2021 20:51
 Operator : SY/MD
 Sample : M4594-10MSD 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108MSD

Quant Time: Nov 12 06:14:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	109756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	196455	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	191685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	100141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	81742	49.730	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.460%		
35) Dibromofluoromethane	5.292	113	63926	48.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	7.899	98	233772	47.931	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.860%		
62) 4-Bromofluorobenzene	10.636	95	91494	46.782	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	60161	42.276	ug/l	99
3) Chloromethane	1.520	50	68131	41.844	ug/l	99
4) Vinyl Chloride	1.604	62	73549	46.372	ug/l	99
5) Bromomethane	1.842	94	42207	47.710	ug/l	99
6) Chloroethane	1.925	64	43729	42.246	ug/l	96
7) Trichlorofluoromethane	2.134	101	94458	45.036	ug/l	97
8) Diethyl Ether	2.375	74	38831	46.771	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.578	101	53587	43.755	ug/l	97
10) Methyl Iodide	2.723	142	58620	36.576	ug/l	91
11) Tert butyl alcohol	3.183	59	91195	280.302	ug/l	99
12) 1,1-Dichloroethene	2.578	96	52855	43.772	ug/l	99
13) Acrolein	2.485	56	12161	257.939	ug/l	98
14) Allyl chloride	2.922	41	96671	44.836	ug/l	97
15) Acrylonitrile	3.311	53	219117	252.253	ug/l	98
16) Acetone	2.626	43	169913	203.067	ug/l	97
17) Carbon Disulfide	2.790	76	135338	40.015	ug/l	99
18) Methyl Acetate	2.948	43	138803	48.704	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	209494	48.198	ug/l	98
20) Methylene Chloride	3.047	84	70521	48.505	ug/l	100
21) trans-1,2-Dichloroethene	3.353	96	58218	46.344	ug/l	98
22) Diisopropyl ether	3.996	45	207029	48.902	ug/l	91
23) Vinyl Acetate	3.957	43	801385	246.121	ug/l	100
24) 1,1-Dichloroethane	3.871	63	121075	47.993	ug/l	99
25) 2-Butanone	4.700	43	278508	239.986	ug/l	99
26) 2,2-Dichloropropane	4.668	77	85923	41.101	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	96840	65.633	ug/l	96
28) Bromochloromethane	4.977	49	53477	44.463	ug/l	94
29) Tetrahydrofuran	5.051	42	176738	248.972	ug/l	98
30) Chloroform	5.089	83	120372	48.245	ug/l	99
31) Cyclohexane	5.391	56	96547	40.255	ug/l	98
32) 1,1,1-Trichloroethane	5.317	97	103421	48.607	ug/l	97
36) 1,1-Dichloropropene	5.530	75	82363	42.996	ug/l	99
37) Ethyl Acetate	4.803	43	104307	47.402	ug/l	99
38) Carbon Tetrachloride	5.526	117	85732	44.393	ug/l	98
39) Methylcyclohexane	6.764	83	94528	40.224	ug/l	95
40) Benzene	5.777	78	254079	44.800	ug/l	100

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41) Methacrylonitrile	4.973	41	55826	48.007	ug/l	98
42) 1,2-Dichloroethane	5.797	62	95993	46.859	ug/l	99
43) Isopropyl Acetate	5.912	43	157320	46.742	ug/l	98
44) Trichloroethene	6.546	130	197860	145.749	ug/l	99
45) 1,2-Dichloropropane	6.793	63	70997	47.311	ug/l	97
46) Dibromomethane	6.919	93	49067	47.190	ug/l	99
47) Bromodichloromethane	7.108	83	95701	48.508	ug/l	97
48) Methyl methacrylate	6.960	41	74403	48.029	ug/l	97
49) 1,4-Dioxane	6.964	88	40951	1027.933	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	548467	247.035	ug/l	100
52) Toluene	7.973	92	160139	46.121	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	102092	45.026	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	112162	46.573	ug/l	95
55) 1,1,2-Trichloroethane	8.401	97	69274	48.139	ug/l	97
56) Ethyl methacrylate	8.333	69	108581	42.452	ug/l	97
57) 1,3-Dichloropropane	8.578	76	122967	47.444	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	269066	203.097	ug/l	98
59) 2-Hexanone	8.684	43	425342	221.071	ug/l	98
60) Dibromochloromethane	8.813	129	72966	48.695	ug/l	98
61) 1,2-Dibromoethane	8.925	107	72839	47.194	ug/l	99
64) Tetrachloroethene	8.555	164	54599	49.627	ug/l	98
65) Chlorobenzene	9.449	112	169738	45.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	62234	46.345	ug/l	99
67) Ethyl Benzene	9.571	91	305393	45.292	ug/l	99
68) m/p-Xylenes	9.697	106	236958	93.183	ug/l	100
69) o-Xylene	10.102	106	115023	46.526	ug/l	100
70) Styrene	10.115	104	199270	47.644	ug/l	99
71) Bromoform	10.292	173	54562	43.365	ug/l #	100
73) Isopropylbenzene	10.488	105	303155	46.332	ug/l	100
74) N-amyl acetate	10.320	43	134609	45.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	122879	47.400	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	104227m	34.321	ug/l	
77) Bromobenzene	10.784	156	72337	45.534	ug/l	97
78) n-propylbenzene	10.909	91	368298	45.226	ug/l	100
79) 2-Chlorotoluene	10.989	91	220405	45.810	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	263355	46.067	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	32653	36.108	ug/l	97
82) 4-Chlorotoluene	11.099	91	257476	45.632	ug/l	100
83) tert-Butylbenzene	11.423	119	249470	45.778	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	264882	46.620	ug/l	99
85) sec-Butylbenzene	11.645	105	326399	45.161	ug/l	100
86) p-Isopropyltoluene	11.796	119	272786	45.167	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	140017	43.683	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	141356	43.604	ug/l	99
89) n-Butylbenzene	12.211	91	247525	42.546	ug/l	99
90) Hexachloroethane	12.478	117	44972	41.277	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	142749	45.775	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	28189	46.084	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	93269	43.256	ug/l	99
94) Hexachlorobutadiene	14.025	225	37168	39.933	ug/l	98
95) Naphthalene	14.089	128	355475	43.979	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	97722	45.628	ug/l	98

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

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