

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045598.D
 Acq On : 06 Nov 2021 07:05
 Operator : SY/MD
 Sample : M4508-05MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-VPB-RW9-498-500MSD

Quant Time: Nov 06 21:56:01 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 11/08/2021
 Supervised By : Mahesh Dadoda 11/08/2021

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	2414	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	4520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	5253	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	151713	10497.737	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 20995.480%#			
35) Dibromofluoromethane	5.292	113	115971	7195.572	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 14391.140%#			
50) Toluene-d8	7.899	98	441162	7361.178	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 14722.360%#			
62) 4-Bromofluorobenzene	10.632	95	173914	7236.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 14473.520%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	78274	6256.054	ug/l	100
3) Chloromethane	1.523	50	86895	6069.915	ug/l	98
4) Vinyl Chloride	1.607	62	91674	6573.896	ug/l	99
5) Bromomethane	1.851	94	53780	6914.216	ug/l	99
6) Chloroethane	1.932	64	56682	6228.265	ug/l	96
7) Trichlorofluoromethane	2.141	101	116441	6314.403	ug/l	99
8) Diethyl Ether	2.378	74	47072	6448.593	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	64702	6008.839	ug/l	97
10) Methyl Iodide	2.726	142	77019	5465.760	ug/l	91
11) Tert butyl alcohol	3.173	59	93109	32549.768	ug/l	99
12) 1,1-Dichloroethene	2.584	96	65631	6181.884	ug/l	97
13) Acrolein	2.485	56	18729	45181.818	ug/l	100
14) Allyl chloride	2.928	41	116517	6146.413	ug/l	97
15) Acrylonitrile	3.311	53	253141	33145.490	ug/l	99
16) Acetone	2.623	43	199012	27051.550	ug/l	98
17) Carbon Disulfide	2.796	76	180827	6080.824	ug/l	99
18) Methyl Acetate	2.948	43	146122	5831.533	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	248461	6501.500	ug/l	98
20) Methylene Chloride	3.047	84	78951	6176.253	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	71599	6482.466	ug/l	97
22) Diisopropyl ether	3.993	45	246456	6621.223	ug/l	98
23) Vinyl Acetate	3.957	43	854902	29862.439	ug/l	100
24) 1,1-Dichloroethane	3.874	63	144387	6509.520	ug/l	99
25) 2-Butanone	4.700	43	320123	31373.672	ug/l	99
26) 2,2-Dichloropropane	4.671	77	93047	5062.333	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	84941	6547.674	ug/l	97
28) Bromochloromethane	4.976	49	70330	6650.824	ug/l	98
29) Tetrahydrofuran	5.050	42	204792	32812.202	ug/l	99
30) Chloroform	5.092	83	143408	6537.302	ug/l	97
31) Cyclohexane	5.391	56	122232	5796.571	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	121473	6493.403	ug/l	96
36) 1,1-Dichloropropene	5.529	75	103630	4402.613	ug/l	100
37) Ethyl Acetate	4.803	43	108530	4013.867	ug/l	99
38) Carbon Tetrachloride	5.529	117	103844	4375.969	ug/l	96
39) Methylcyclohexane	6.767	83	121912	4221.792	ug/l	98
40) Benzene	5.777	78	304730	4372.750	ug/l	99

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41) Methacrylonitrile	4.973	41	67308	4710.468	ug/l	98
42) 1,2-Dichloroethane	5.796	62	115102	4572.608	ug/l	100
43) Isopropyl Acetate	5.912	43	176692	4272.370	ug/l	99
44) Trichloroethene	6.546	130	73776	4422.697	ug/l	99
45) 1,2-Dichloropropane	6.793	63	84659	4591.149	ug/l	97
46) Dibromomethane	6.919	93	57976	4537.685	ug/l	99
47) Bromodichloromethane	7.108	83	112479	4639.722	ug/l	98
48) Methyl methacrylate	6.960	41	88588	4653.883	ug/l	97
49) 1,4-Dioxane	6.960	88	43152	88150.985	ug/l #	98
51) 4-Methyl-2-Pentanone	7.790	43	639293	23433.310	ug/l	99
52) Toluene	7.970	92	195858	4590.598	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	124127	4455.156	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	128054	4327.167	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	82203	4648.830	ug/l	99
56) Ethyl methacrylate	8.333	69	130961	3931.378	ug/l	99
57) 1,3-Dichloropropane	8.578	76	144508	4537.419	ug/l	100
59) 2-Hexanone	8.684	43	494604	20215.173	ug/l	99
60) Dibromochloromethane	8.812	129	84557	4592.356	ug/l	98
61) 1,2-Dibromoethane	8.925	107	84884	4475.874	ug/l	99
64) Tetrachloroethene	8.555	164	57423	2213.450	ug/l	98
65) Chlorobenzene	9.449	112	204086	2298.667	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	75305	2378.176	ug/l	98
67) Ethyl Benzene	9.571	91	380333	2392.084	ug/l	99
68) m/p-Xylenes	9.697	106	290980	4852.650	ug/l	100
69) o-Xylene	10.102	106	142496	2444.327	ug/l	99
70) Styrene	10.115	104	233405	2366.623	ug/l	99
71) Bromoform	10.291	173	64893	2034.629	ug/l #	100
73) Isopropylbenzene	10.488	105	374275	1090.460	ug/l	100
74) N-amyl acetate	10.320	43	156836	1012.911	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	145525	1070.148	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	132755m	833.359	ug/l	
77) Bromobenzene	10.783	156	88077	1056.929	ug/l	97
78) n-propylbenzene	10.905	91	455820	1067.043	ug/l	100
79) 2-Chlorotoluene	10.986	91	270040	1069.969	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	325506	1085.454	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	43673	847.351	ug/l	96
82) 4-Chlorotoluene	11.098	91	315744	1066.763	ug/l	100
83) tert-Butylbenzene	11.423	119	311832	1090.851	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	328681	1102.803	ug/l	99
85) sec-Butylbenzene	11.645	105	404174	1066.077	ug/l	100
86) p-Isopropyltoluene	11.793	119	337779	1066.184	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	169249	1006.606	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	171824	1010.412	ug/l	99
89) n-Butylbenzene	12.211	91	312577	1024.234	ug/l	100
90) Hexachloroethane	12.478	117	60205	1053.420	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	171906	1050.872	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	35619	1110.077	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	110796	979.567	ug/l	97
94) Hexachlorobutadiene	14.024	225	43871	898.558	ug/l	98
95) Naphthalene	14.085	128	424446	978.679	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	112446	1000.896	ug/l	99

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

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