

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045627.D
 Acq On : 08 Nov 2021 19:46
 Operator : SY/MD
 Sample : M4504-06MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW8-MW01D2-20211103MS

Quant Time: Nov 09 10:02:44 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 11/09/2021
 Supervised By : Mahesh Dadoda 11/15/2021

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	127404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	226379	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	221110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	114519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	94031	49.282	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.560%		
35) Dibromofluoromethane	5.292	113	73374	48.547	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.100%		
50) Toluene-d8	7.899	98	276608	49.217	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.440%		
62) 4-Bromofluorobenzene	10.635	95	108405	48.102	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	81745	49.487	ug/l	100
3) Chloromethane	1.523	50	90613	47.943	ug/l	99
4) Vinyl Chloride	1.604	62	95510	51.876	ug/l	99
5) Bromomethane	1.845	94	61003	59.404	ug/l	99
6) Chloroethane	1.928	64	58463	48.657	ug/l	97
7) Trichlorofluoromethane	2.137	101	123952	50.912	ug/l	99
8) Diethyl Ether	2.378	74	51309	53.240	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	71323	50.170	ug/l	96
10) Methyl Iodide	2.723	142	82344	44.262	ug/l	93
11) Tert butyl alcohol	3.179	59	109494	289.928	ug/l	99
12) 1,1-Dichloroethene	2.578	96	72299	51.581	ug/l	95
13) Acrolein	2.485	56	16690	304.965	ug/l	100
14) Allyl chloride	2.925	41	128559	51.366	ug/l	98
15) Acrylonitrile	3.314	53	265799	263.609	ug/l	99
16) Acetone	2.626	43	210975	217.214	ug/l	99
17) Carbon Disulfide	2.793	76	192400	49.006	ug/l	99
18) Methyl Acetate	2.948	43	162701	49.181	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	275570	54.617	ug/l	99
20) Methylene Chloride	3.047	84	85478	50.648	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	78707	53.975	ug/l	97
22) Diisopropyl ether	3.996	45	264578	53.839	ug/l	94
23) Vinyl Acetate	3.957	43	986748	261.071	ug/l	99
24) 1,1-Dichloroethane	3.870	63	156135	53.317	ug/l	99
25) 2-Butanone	4.703	43	344829	255.974	ug/l	100
26) 2,2-Dichloropropane	4.668	77	116310	47.930	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	93506	54.595	ug/l	99
28) Bromochloromethane	4.976	49	68015	48.717	ug/l	94
29) Tetrahydrofuran	5.050	42	221796	269.166	ug/l	99
30) Chloroform	5.092	83	155389	53.652	ug/l	99
31) Cyclohexane	5.391	56	135700	48.743	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	134971	54.648	ug/l	97
36) 1,1-Dichloropropene	5.529	75	111500	50.513	ug/l	98
37) Ethyl Acetate	4.803	43	126572	49.917	ug/l	99
38) Carbon Tetrachloride	5.526	117	115214	51.773	ug/l	99
39) Methylcyclohexane	6.764	83	129984	48.000	ug/l	95
40) Benzene	5.777	78	334583	51.197	ug/l	99

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41) Methacrylonitrile	4.973	41	72658	54.223	ug/l	98
42) 1,2-Dichloroethane	5.796	62	124228	52.626	ug/l	99
43) Isopropyl Acetate	5.912	43	201582	51.976	ug/l	99
44) Trichloroethene	6.546	130	83064	53.099	ug/l	99
45) 1,2-Dichloropropane	6.793	63	90962	52.603	ug/l	98
46) Dibromomethane	6.918	93	63004	52.584	ug/l	97
47) Bromodichloromethane	7.108	83	122524	53.894	ug/l	97
48) Methyl methacrylate	6.960	41	95885	53.715	ug/l	95
49) 1,4-Dioxane	6.960	88	49005	1067.500	ug/l #	93
51) 4-Methyl-2-Pentanone	7.793	43	688937	269.286	ug/l	99
52) Toluene	7.970	92	216653	54.149	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	139250	53.296	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	147180	53.035	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	88654	53.463	ug/l	98
56) Ethyl methacrylate	8.333	69	146141	49.177	ug/l	97
57) 1,3-Dichloropropane	8.578	76	155762	52.153	ug/l	99
59) 2-Hexanone	8.684	43	526226	236.797	ug/l	99
60) Dibromochloromethane	8.812	129	94553	54.760	ug/l	99
61) 1,2-Dibromoethane	8.925	107	93542	52.597	ug/l	99
64) Tetrachloroethene	8.555	164	64789	51.052	ug/l	97
65) Chlorobenzene	9.449	112	225473	51.914	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	82389	53.189	ug/l	98
67) Ethyl Benzene	9.571	91	410362	52.761	ug/l	100
68) m/p-Xylenes	9.697	106	316938	108.049	ug/l	100
69) o-Xylene	10.102	106	154795	54.280	ug/l	100
70) Styrene	10.118	104	262808	54.474	ug/l	99
71) Bromoform	10.295	173	70588	48.261	ug/l #	100
73) Isopropylbenzene	10.487	105	408222	54.556	ug/l	99
74) N-amyl acetate	10.320	43	172810	51.195	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	151798	51.204	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	137011m	39.452	ug/l	
77) Bromobenzene	10.783	156	98345	54.133	ug/l	95
78) n-propylbenzene	10.909	91	484589	52.035	ug/l	99
79) 2-Chlorotoluene	10.989	91	289482	52.613	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	345384	52.830	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	47631	45.233	ug/l	96
82) 4-Chlorotoluene	11.098	91	336596	52.164	ug/l	99
83) tert-Butylbenzene	11.423	119	333831	53.568	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	346944	53.396	ug/l	100
85) sec-Butylbenzene	11.645	105	423519	51.242	ug/l	99
86) p-Isopropyltoluene	11.796	119	351845	50.943	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	184251	50.266	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	187009	50.444	ug/l	100
89) n-Butylbenzene	12.211	91	316008	47.497	ug/l	99
90) Hexachloroethane	12.478	117	64195	51.523	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	185066	51.894	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	36264	51.841	ug/l	93
93) 1,2,4-Trichlorobenzene	13.841	180	120833	49.003	ug/l	99
94) Hexachlorobutadiene	14.024	225	43500	40.868	ug/l	99
95) Naphthalene	14.089	128	465274	50.187	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	124910	51.000	ug/l	100

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

