

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045625.D
 Acq On : 08 Nov 2021 19:00
 Operator : SY/MD
 Sample : M4508-04MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Nov 09 10:01:22 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	5.375	168	126609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	229621	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	222629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	116619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	107725	56.814	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.620%			
35) Dibromofluoromethane	5.292	113	82769	53.989	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.980%			
50) Toluene-d8	7.899	98	315431	55.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.660%			
62) 4-Bromofluorobenzene	10.635	95	124396	54.418	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	85611	52.153	ug/l	99
3) Chloromethane	1.523	50	95983	51.103	ug/l	99
4) Vinyl Chloride	1.604	62	101812	55.647	ug/l	99
5) Bromomethane	1.845	94	63614	62.336	ug/l	99
6) Chloroethane	1.928	64	60833	50.948	ug/l	100
7) Trichlorofluoromethane	2.137	101	130834	54.077	ug/l	98
8) Diethyl Ether	2.375	74	54237	56.632	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.581	101	74810	52.954	ug/l	96
10) Methyl Iodide	2.723	142	82749	44.759	ug/l	94
11) Tert butyl alcohol	3.179	59	105576	281.309	ug/l	100
12) 1,1-Dichloroethene	2.578	96	74631	53.579	ug/l	98
13) Acrolein	2.485	56	15908	292.501	ug/l	98
14) Allyl chloride	2.925	41	135383	54.433	ug/l	99
15) Acrylonitrile	3.314	53	281009	280.443	ug/l	97
16) Acetone	2.626	43	215095	222.847	ug/l	100
17) Carbon Disulfide	2.793	76	197948	50.736	ug/l	100
18) Methyl Acetate	2.948	43	175322	53.329	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	288106	57.461	ug/l	99
20) Methylene Chloride	3.047	84	90093	53.718	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	81264	56.078	ug/l	96
22) Diisopropyl ether	3.996	45	281112	57.563	ug/l	94
23) Vinyl Acetate	3.957	43	1051225	279.877	ug/l	99
24) 1,1-Dichloroethane	3.870	63	162030	55.677	ug/l	99
25) 2-Butanone	4.700	43	361957	270.376	ug/l	100
26) 2,2-Dichloropropane	4.668	77	125133	51.890	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	98079	57.625	ug/l	99
28) Bromochloromethane	4.976	49	67195	48.432	ug/l	95
29) Tetrahydrofuran	5.050	42	234316	286.146	ug/l	100
30) Chloroform	5.092	83	163024	56.642	ug/l	99
31) Cyclohexane	5.391	56	141488	51.141	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	138270	56.336	ug/l	98
36) 1,1-Dichloropropene	5.530	75	117157	52.326	ug/l	99
37) Ethyl Acetate	4.803	43	132339	51.455	ug/l	99
38) Carbon Tetrachloride	5.526	117	119046	52.739	ug/l	99
39) Methylcyclohexane	6.764	83	135734	49.416	ug/l	96
40) Benzene	5.777	78	349175	52.675	ug/l	100

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41) Methacrylonitrile	4.973	41	75949	55.879	ug/l	99
42) 1,2-Dichloroethane	5.796	62	130686	54.580	ug/l	99
43) Isopropyl Acetate	5.912	43	210338	53.468	ug/l	99
44) Trichloroethene	6.542	130	84361	53.167	ug/l	97
45) 1,2-Dichloropropane	6.793	63	95620	54.516	ug/l	100
46) Dibromomethane	6.922	93	66154	54.434	ug/l	99
47) Bromodichloromethane	7.108	83	127742	55.396	ug/l	97
48) Methyl methacrylate	6.960	41	100569	55.543	ug/l	98
49) 1,4-Dioxane	6.964	88	49070	1053.824	ug/l #	97
51) 4-Methyl-2-Pentanone	7.793	43	717926	276.655	ug/l	99
52) Toluene	7.970	92	224117	55.224	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	143240	54.049	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	151948	53.980	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	92756	55.147	ug/l	98
56) Ethyl methacrylate	8.333	69	149896	49.701	ug/l	99
57) 1,3-Dichloropropane	8.578	76	164221	54.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.443	63	527	0.340	ug/l #	49
59) 2-Hexanone	8.684	43	547581	242.732	ug/l	99
60) Dibromochloromethane	8.812	129	98072	55.996	ug/l	100
61) 1,2-Dibromoethane	8.925	107	97171	53.866	ug/l	99
64) Tetrachloroethene	8.555	164	67657	52.948	ug/l	98
65) Chlorobenzene	9.449	112	232786	53.232	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	85081	54.552	ug/l	98
67) Ethyl Benzene	9.574	91	425136	54.287	ug/l	99
68) m/p-Xylenes	9.697	106	328467	111.215	ug/l	99
69) o-Xylene	10.102	106	160992	56.068	ug/l	99
70) Styrene	10.118	104	269950	55.572	ug/l	99
71) Bromoform	10.295	173	72540	49.193	ug/l #	100
73) Isopropylbenzene	10.488	105	421342	55.296	ug/l	100
74) N-amyl acetate	10.320	43	184533	53.683	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	158013	52.340	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	153301m	43.348	ug/l	
77) Bromobenzene	10.783	156	99967	54.035	ug/l	95
78) n-propylbenzene	10.909	91	506355	53.393	ug/l	100
79) 2-Chlorotoluene	10.989	91	300404	53.615	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	360071	54.085	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	49795	46.357	ug/l	97
82) 4-Chlorotoluene	11.098	91	351085	53.430	ug/l	99
83) tert-Butylbenzene	11.423	119	347822	54.808	ug/l	97
84) 1,2,4-Trimethylbenzene	11.471	105	360644	54.505	ug/l	100
85) sec-Butylbenzene	11.645	105	442062	52.522	ug/l	100
86) p-Isopropyltoluene	11.796	119	367187	52.207	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	190405	51.009	ug/l	98
88) 1,4-Dichlorobenzene	11.838	146	191798	50.804	ug/l	100
89) n-Butylbenzene	12.211	91	335401	49.504	ug/l	99
90) Hexachloroethane	12.478	117	65424	51.564	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	189313	52.129	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	38145	53.548	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	122939	48.960	ug/l	98
94) Hexachlorobutadiene	14.024	225	43315	39.962	ug/l	99
95) Naphthalene	14.089	128	473900	50.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	126254	50.621	ug/l	99

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

