

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048802.D
 Acq On : 02 Jun 2022 14:37
 Operator : SY/MD
 Sample : VU0602WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0602WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/03/2022
 Supervised By :Semsettin Yesilyurt 06/03/2022

Quant Time: Jun 03 01:08:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	248285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	419009	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	386270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	206320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	197559	52.982	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.960%			
35) Dibromofluoromethane	5.285	113	156997	52.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.040%			
50) Toluene-d8	7.896	98	540952	50.483	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.960%			
62) 4-Bromofluorobenzene	10.632	95	220915	54.513	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.379	85	51407	18.086	ug/l	100
3) Chloromethane	1.520	50	66341	18.131	ug/l	96
4) Vinyl Chloride	1.601	62	66031	19.485	ug/l	96
5) Bromomethane	1.826	94	29135	12.106	ug/l	99
6) Chloroethane	1.890	64	34061	16.653	ug/l	98
7) Trichlorofluoromethane	2.109	101	88524	18.290	ug/l	99
8) Diethyl Ether	2.372	74	39421	22.071	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.565	101	52181	19.696	ug/l	97
10) Methyl Iodide	2.710	142	48815	14.663	ug/l	94
11) Tert butyl alcohol	3.244	59	104968m	111.037	ug/l	
12) 1,1-Dichloroethene	2.565	96	50046	19.804	ug/l	97
13) Acrolein	2.482	56	46793	147.628	ug/l	98
14) Allyl chloride	2.912	41	110086	22.492	ug/l	95
15) Acrylonitrile	3.308	53	270216	131.794	ug/l	99
16) Acetone	2.626	43	222547	117.113	ug/l	100
17) Carbon Disulfide	2.777	76	124284	16.848	ug/l	100
18) Methyl Acetate	2.945	43	138470	29.023	ug/l	99
19) Methyl tert-butyl Ether	3.359	73	232870	24.287	ug/l	97
20) Methylene Chloride	3.035	84	74090	22.928	ug/l	100
21) trans-1,2-Dichloroethene	3.343	96	56598	19.580	ug/l	95
22) Diisopropyl ether	3.990	45	231159	25.603	ug/l	96
23) Vinyl Acetate	3.951	43	972115	124.274	ug/l	100
24) 1,1-Dichloroethane	3.861	63	126238	22.263	ug/l	98
25) 2-Butanone	4.700	43	367084	134.467	ug/l	98
26) 2,2-Dichloropropane	4.658	77	95197	18.713	ug/l	100
27) cis-1,2-Dichloroethene	4.662	96	70495	21.069	ug/l	98
28) Bromochloromethane	4.967	49	54338	24.431	ug/l	97
29) Tetrahydrofuran	5.051	42	230115	133.822	ug/l	98
30) Chloroform	5.086	83	124994	22.031	ug/l	96
31) Cyclohexane	5.382	56	100174	21.318	ug/l	98
32) 1,1,1-Trichloroethane	5.311	97	102072	19.830	ug/l	99
36) 1,1-Dichloropropene	5.520	75	77756	17.822	ug/l	98
37) Ethyl Acetate	4.803	43	130861	23.726	ug/l	99
38) Carbon Tetrachloride	5.520	117	84832	16.948	ug/l	94
39) Methylcyclohexane	6.761	83	92529	20.227	ug/l	97
40) Benzene	5.771	78	258779	20.091	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	66947	24.020	ug/l	98
42) 1,2-Dichloroethane	5.790	62	101227	20.077	ug/l	99
43) Isopropyl Acetate	5.912	43	190774	23.831	ug/l	100
44) Trichloroethene	6.539	130	61097	18.412	ug/l	97
45) 1,2-Dichloropropane	6.787	63	74542	22.988	ug/l	99
46) Dibromomethane	6.916	93	50703	20.929	ug/l	99
47) Bromodichloromethane	7.105	83	97489	19.899	ug/l	100
48) Methyl methacrylate	6.961	41	89032	24.775	ug/l	99
49) 1,4-Dioxane	6.973	88	47191	587.430	ug/l	96
51) 4-Methyl-2-Pentanone	7.797	43	729625	140.368	ug/l	100
52) Toluene	7.967	92	158302	20.547	ug/l	97
53) t-1,3-Dichloropropene	8.211	75	108952	20.616	ug/l	94
54) cis-1,3-Dichloropropene	7.607	75	116400	21.255	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	77200	22.704	ug/l	99
56) Ethyl methacrylate	8.337	69	122235	24.174	ug/l	98
57) 1,3-Dichloropropane	8.575	76	128743	22.497	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	121506	117.866	ug/l	98
59) 2-Hexanone	8.690	43	576293	135.047	ug/l	100
60) Dibromochloromethane	8.813	129	81635	21.418	ug/l	97
61) 1,2-Dibromoethane	8.925	107	75403	20.136	ug/l	100
64) Tetrachloroethene	8.552	164	48970	17.537	ug/l	95
65) Chlorobenzene	9.446	112	171094	20.943	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	70137	22.618	ug/l	97
67) Ethyl Benzene	9.571	91	295337	21.434	ug/l	98
68) m/p-Xylenes	9.694	106	229137	42.519	ug/l	99
69) o-Xylene	10.102	106	118404	22.363	ug/l	99
70) Styrene	10.115	104	193848	22.259	ug/l	98
71) Bromoform	10.295	173	68394	23.854	ug/l #	96
73) Isopropylbenzene	10.485	105	309916	23.267	ug/l	99
74) N-amyl acetate	10.321	43	166117	25.885	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	150269	27.645	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	167775	25.221	ug/l	97
77) Bromobenzene	10.784	156	81213	22.703	ug/l	96
78) n-propylbenzene	10.906	91	360513	22.714	ug/l	99
79) 2-Chlorotoluene	10.986	91	228872	23.188	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	275500	23.784	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	42884	23.407	ug/l	98
82) 4-Chlorotoluene	11.099	91	258938	22.738	ug/l	99
83) tert-Butylbenzene	11.420	119	285032	25.639	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	278080	22.934	ug/l	100
85) sec-Butylbenzene	11.645	105	340500	24.482	ug/l	99
86) p-Isopropyltoluene	11.793	119	286074	23.952	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	148127	21.120	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	144596	19.955	ug/l	98
89) n-Butylbenzene	12.208	91	229809	20.568	ug/l	100
90) Hexachloroethane	12.475	117	50883	20.875	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	151121	21.329	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	34195	21.849	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	78040	16.785	ug/l	99
94) Hexachlorobutadiene	14.021	225	45811	20.556	ug/l	98
95) Naphthalene	14.089	128	259866	17.724	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	83452	18.122	ug/l	100

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

