

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054357.D
 Acq On : 31 May 2023 23:20
 Operator : JC/MD
 Sample : VU0531WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS02

Quant Time: Jun 01 06:12:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	219872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	372361	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	358303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	194690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	153257	53.172	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.340%			
35) Dibromofluoromethane	5.282	113	124636	51.977	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.960%			
50) Toluene-d8	7.893	98	457284	50.136	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.280%			
62) 4-Bromofluorobenzene	10.629	95	170765	48.285	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	49297	20.084	ug/l	100
3) Chloromethane	1.520	50	66120	20.573	ug/l	97
4) Vinyl Chloride	1.604	62	65287	21.290	ug/l	99
5) Bromomethane	1.851	94	33710	19.859	ug/l	98
6) Chloroethane	1.925	64	34473	23.311	ug/l	99
7) Trichlorofluoromethane	2.131	101	82620	19.584	ug/l	99
8) Diethyl Ether	2.372	74	33472	21.432	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.575	101	46597	20.400	ug/l	94
10) Methyl Iodide	2.719	142	52768	20.718	ug/l	96
11) Tert butyl alcohol	3.211	59	81987m	105.305	ug/l	
12) 1,1-Dichloroethene	2.575	96	45986	19.444	ug/l	94
13) Acrolein	2.481	56	63121	77.932	ug/l	100
14) Allyl chloride	2.919	41	82258	20.060	ug/l #	86
15) Acrylonitrile	3.311	53	187790	107.578	ug/l	98
16) Acetone	2.629	43	153552	92.940	ug/l	100
17) Carbon Disulfide	2.787	76	131781	18.854	ug/l	99
18) Methyl Acetate	2.944	43	134753	22.338	ug/l	94
19) Methyl tert-butyl Ether	3.356	73	157179	20.303	ug/l	97
20) Methylene Chloride	3.041	84	60808	20.401	ug/l	93
21) trans-1,2-Dichloroethene	3.346	96	50423	19.914	ug/l	98
22) Diisopropyl ether	3.986	45	158879	21.860	ug/l #	83
23) Vinyl Acetate	3.948	43	570539	107.578	ug/l	97
24) 1,1-Dichloroethane	3.864	63	99063	21.286	ug/l	99
25) 2-Butanone	4.700	43	236550	108.139	ug/l	96
26) 2,2-Dichloropropane	4.658	77	63504	15.614	ug/l	99
27) cis-1,2-Dichloroethene	4.661	96	58211	20.666	ug/l	96
28) Bromochloromethane	4.967	49	50719	23.551	ug/l	82
29) Tetrahydrofuran	5.047	42	154326	112.238	ug/l	92
30) Chloroform	5.083	83	96492	20.396	ug/l	98
31) Cyclohexane	5.382	56	82511	20.274	ug/l	96
32) 1,1,1-Trichloroethane	5.311	97	84136	20.485	ug/l	98
36) 1,1-Dichloropropene	5.520	75	66528	17.664	ug/l	98
37) Ethyl Acetate	4.800	43	83940	18.287	ug/l #	90
38) Carbon Tetrachloride	5.517	117	70468	18.280	ug/l	98
39) Methylcyclohexane	6.755	83	75973	17.809	ug/l	91
40) Benzene	5.767	78	214598	19.975	ug/l	99

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41) Methacrylonitrile	4.967	41	44368	20.915	ug/l	94
42) 1,2-Dichloroethane	5.787	62	74666	19.132	ug/l	98
43) Isopropyl Acetate	5.906	43	125783	19.867	ug/l	98
44) Trichloroethene	6.536	130	55436	18.460	ug/l	98
45) 1,2-Dichloropropane	6.783	63	56418	20.131	ug/l	99
46) Dibromomethane	6.912	93	39967	19.374	ug/l	95
47) Bromodichloromethane	7.099	83	75921	19.679	ug/l	100
48) Methyl methacrylate	6.954	41	55243	19.675	ug/l	94
49) 1,4-Dioxane	6.986	88	35481	437.721	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	435298	103.025	ug/l	99
52) Toluene	7.963	92	132810	19.388	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	80361	18.207	ug/l	97
54) cis-1,3-Dichloropropene	7.603	75	85654	18.595	ug/l	99
55) 1,1,2-Trichloroethane	8.394	97	56374	19.858	ug/l	98
56) Ethyl methacrylate	8.330	69	82460	19.514	ug/l	96
57) 1,3-Dichloropropane	8.568	76	96023	19.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	28835	106.429	ug/l	93
59) 2-Hexanone	8.681	43	337944	101.251	ug/l	99
60) Dibromochloromethane	8.803	129	57198	19.831	ug/l	99
61) 1,2-Dibromoethane	8.918	107	60406	19.551	ug/l	100
64) Tetrachloroethene	8.549	164	50610	18.768	ug/l	96
65) Chlorobenzene	9.443	112	139911	18.679	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.529	131	52006	19.138	ug/l	99
67) Ethyl Benzene	9.565	91	240206	18.757	ug/l	97
68) m/p-Xylenes	9.690	106	184871	38.085	ug/l	92
69) o-Xylene	10.095	106	91280	19.426	ug/l	94
70) Styrene	10.111	104	150531	19.317	ug/l	97
71) Bromoform	10.285	173	44712	18.935	ug/l #	99
73) Isopropylbenzene	10.478	105	233354	19.354	ug/l	98
74) N-amyl acetate	10.317	43	101761	19.876	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	101290	20.761	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	109129	19.205	ug/l	99
77) Bromobenzene	10.777	156	64552	19.496	ug/l	92
78) n-propylbenzene	10.899	91	279361	18.914	ug/l	98
79) 2-Chlorotoluene	10.979	91	176203	19.704	ug/l	92
80) 1,3,5-Trimethylbenzene	11.082	105	198157	19.325	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.542	75	26062	17.466	ug/l	95
82) 4-Chlorotoluene	11.092	91	201702	19.224	ug/l	95
83) tert-Butylbenzene	11.417	119	193181	18.840	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	196071	19.220	ug/l	97
85) sec-Butylbenzene	11.639	105	247869	19.051	ug/l	99
86) p-Isopropyltoluene	11.787	119	201826	18.443	ug/l	98
87) 1,3-Dichlorobenzene	11.741	146	117976	18.402	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	121601	18.156	ug/l	97
89) n-Butylbenzene	12.204	91	174902	16.979	ug/l	98
90) Hexachloroethane	12.468	117	35691	18.436	ug/l	90
91) 1,2-Dichlorobenzene	12.208	146	119436	18.937	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	22047	19.814	ug/l	90
93) 1,2,4-Trichlorobenzene	13.835	180	75684	17.989	ug/l	99
94) Hexachlorobutadiene	14.015	225	35259	17.531	ug/l	99
95) Naphthalene	14.082	128	243334	18.217	ug/l	99
96) 1,2,3-Trichlorobenzene	14.323	180	76239	18.007	ug/l	99

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

