

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049505.D
 Acq On : 29 Jun 2022 12:16
 Operator : SY/MD
 Sample : VU0629WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0629WBS01

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 06/30/2022
 Supervised By : Semsettin Yesilyurt 06/30/2022

Quant Time: Jun 30 00:47:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	247517	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	423024	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	373574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	178785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	179548	47.102	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.200%		
35) Dibromofluoromethane	5.288	113	144350	48.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	7.896	98	516267	48.907	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.820%		
62) 4-Bromofluorobenzene	10.632	95	191434	47.342	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	72168	18.144	ug/l	98
3) Chloromethane	1.523	50	81982	16.318	ug/l	97
4) Vinyl Chloride	1.604	62	74687	18.651	ug/l	100
5) Bromomethane	1.851	94	32255	25.905	ug/l	97
6) Chloroethane	1.928	64	41981	23.771	ug/l	100
7) Trichlorofluoromethane	2.134	101	93400	18.302	ug/l	100
8) Diethyl Ether	2.375	74	38685	20.985	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.581	101	55660	20.271	ug/l	95
10) Methyl Iodide	2.719	142	73917	30.790	ug/l	95
11) Tert butyl alcohol	3.195	59	106127m	118.948	ug/l	
12) 1,1-Dichloroethene	2.578	96	54984	20.453	ug/l	94
13) Acrolein	2.488	56	41159	68.119	ug/l	100
14) Allyl chloride	2.922	41	108174	19.910	ug/l #	86
15) Acrylonitrile	3.314	53	229239	106.830	ug/l	99
16) Acetone	2.633	43	182349	94.858	ug/l	99
17) Carbon Disulfide	2.790	76	151162	18.030	ug/l	98
18) Methyl Acetate	2.951	43	102217	19.643	ug/l	90
19) Methyl tert-butyl Ether	3.362	73	207722	20.775	ug/l	98
20) Methylene Chloride	3.044	84	68351	20.928	ug/l	90
21) trans-1,2-Dichloroethene	3.353	96	58301	20.117	ug/l	92
22) Diisopropyl ether	3.989	45	216838	20.903	ug/l	87
23) Vinyl Acetate	3.954	43	942989	103.713	ug/l	94
24) 1,1-Dichloroethane	3.867	63	119167	19.999	ug/l	98
25) 2-Butanone	4.703	43	303226	105.254	ug/l	94
26) 2,2-Dichloropropane	4.665	77	92430	18.638	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	70214	20.970	ug/l	91
28) Bromochloromethane	4.973	49	52523	20.166	ug/l #	77
29) Tetrahydrofuran	5.050	42	205538	104.001	ug/l	88
30) Chloroform	5.086	83	117552	19.943	ug/l	98
31) Cyclohexane	5.388	56	111376	19.459	ug/l	90
32) 1,1,1-Trichloroethane	5.317	97	99667	19.488	ug/l	98
36) 1,1-Dichloropropene	5.526	75	82908	19.320	ug/l	99
37) Ethyl Acetate	4.803	43	115387	19.677	ug/l #	94
38) Carbon Tetrachloride	5.523	117	84292	18.729	ug/l	99
39) Methylcyclohexane	6.761	83	100045	19.450	ug/l	91
40) Benzene	5.774	78	261692	20.198	ug/l	99

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41) Methacrylonitrile	4.973	41	59504	20.251	ug/l #	90
42) 1,2-Dichloroethane	5.793	62	92148	19.110	ug/l	99
43) Isopropyl Acetate	5.909	43	171950	20.012	ug/l	96
44) Trichloroethene	6.539	130	61757	20.051	ug/l	89
45) 1,2-Dichloropropane	6.790	63	70372	19.602	ug/l	98
46) Dibromomethane	6.919	93	46959	19.619	ug/l	92
47) Bromodichloromethane	7.105	83	87734	19.044	ug/l	100
48) Methyl methacrylate	6.960	41	81522	20.245	ug/l	89
49) 1,4-Dioxane	6.986	88	45643	442.435	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	570883	99.276	ug/l	96
52) Toluene	7.970	92	156660	20.344	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	96638	19.556	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	105490	19.993	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	66433	20.865	ug/l	98
56) Ethyl methacrylate	8.333	69	109440	20.551	ug/l	93
57) 1,3-Dichloropropane	8.574	76	115506	20.451	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	51370	130.019	ug/l	93
59) 2-Hexanone	8.684	43	441029	97.527	ug/l	96
60) Dibromochloromethane	8.809	129	65542	19.796	ug/l	98
61) 1,2-Dibromoethane	8.925	107	69532	20.040	ug/l	99
64) Tetrachloroethene	8.552	164	49842	20.801	ug/l	92
65) Chlorobenzene	9.446	112	158696	20.779	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	60615	21.039	ug/l	99
67) Ethyl Benzene	9.568	91	293106	20.905	ug/l	96
68) m/p-Xylenes	9.693	106	218003	42.023	ug/l	91
69) o-Xylene	10.098	106	109525	21.266	ug/l	91
70) Styrene	10.115	104	175773	21.241	ug/l	96
71) Bromoform	10.291	173	49378	19.983	ug/l #	99
73) Isopropylbenzene	10.481	105	285737	22.436	ug/l	95
74) N-amyl acetate	10.320	43	143549	21.296	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	114957	21.308	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	125619	20.727	ug/l	99
77) Bromobenzene	10.780	156	67339	21.661	ug/l	87
78) n-propylbenzene	10.906	91	325461	21.031	ug/l	97
79) 2-Chlorotoluene	10.986	91	202116	21.198	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	241488	21.719	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	31388	19.125	ug/l	90
82) 4-Chlorotoluene	11.095	91	226327	21.106	ug/l	93
83) tert-Butylbenzene	11.420	119	238905	21.846	ug/l	93
84) 1,2,4-Trimethylbenzene	11.465	105	242040	22.159	ug/l	94
85) sec-Butylbenzene	11.642	105	291424	21.195	ug/l	97
86) p-Isopropyltoluene	11.793	119	232637	20.922	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	122599	20.628	ug/l	96
88) 1,4-Dichlorobenzene	11.835	146	121930	20.411	ug/l	95
89) n-Butylbenzene	12.208	91	199967	19.427	ug/l	97
90) Hexachloroethane	12.475	117	40227	18.163	ug/l	87
91) 1,2-Dichlorobenzene	12.211	146	125880	21.079	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.995	75	28430	20.551	ug/l	80
93) 1,2,4-Trichlorobenzene	13.838	180	77919	20.514	ug/l	98
94) Hexachlorobutadiene	14.021	225	34728	18.747	ug/l	99
95) Naphthalene	14.085	128	298641	22.331	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	83087	20.869	ug/l	96

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

