

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
 Data File : VU044064.D
 Acq On : 07 Jun 2021 18:42
 Operator : SY/MD
 Sample : VU0607WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0607WBS01

Manual Integrations
 APPROVED

SAM
 6/8/2021 6:52:26 PM

Quant Time: Jun 08 05:44:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 05:21:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	230434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	412557	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	384621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	201772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	198246	49.399	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.800%	
35) Dibromofluoromethane	5.298	113	145316	49.359	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.720%	
50) Toluene-d8	7.906	98	562257	49.512	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.020%	
62) 4-Bromofluorobenzene	10.639	95	206122	45.845	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.700%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	65219	19.056	ug/l	96
3) Chloromethane	1.523	50	82551	17.319	ug/l	98
4) Vinyl Chloride	1.610	62	78418	18.379	ug/l	98
5) Bromomethane	1.845	94	33223	18.782	ug/l	99
6) Chloroethane	1.928	64	48248	18.492	ug/l	98
7) Trichlorofluoromethane	2.137	101	92456	18.854	ug/l	96
8) Diethyl Ether	2.385	74	40070	18.988	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.587	101	54816	18.486	ug/l	100
10) Methyl Iodide	2.729	142	60365	17.464	ug/l	99
11) Tert butyl alcohol	3.211	59	102884	103.407	ug/l #	86
12) 1,1-Dichloroethene	2.584	96	55429	19.544	ug/l	99
13) Acrolein	2.494	56	63113	80.684	ug/l	99
14) Allyl chloride	2.932	41	109887	18.963	ug/l	98
15) Acrylonitrile	3.324	53	210982	95.502	ug/l	100
16) Acetone	2.636	43	202812	87.562	ug/l	100
17) Carbon Disulfide	2.800	76	174428	18.466	ug/l	99
18) Methyl Acetate	2.957	43	102068	19.983	ug/l	99
19) Methyl tert-butyl Ether	3.375	73	175133	20.175	ug/l	99
20) Methylene Chloride	3.054	84	69525	18.960	ug/l	98
21) trans-1,2-Dichloroethene	3.362	96	61719	19.401	ug/l	98
22) Diisopropyl ether	4.005	45	197608	20.052	ug/l	95
23) Vinyl Acetate	3.967	43	917925	98.758	ug/l	99
24) 1,1-Dichloroethane	3.880	63	121031	18.766	ug/l	100
25) 2-Butanone	4.713	43	315503	95.470	ug/l	98
26) 2,2-Dichloropropane	4.674	77	90082	19.477	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	69538	19.767	ug/l	98
28) Bromochloromethane	4.983	49	64960	19.775	ug/l	100
29) Tetrahydrofuran	5.060	42	181001	98.666	ug/l	99
30) Chloroform	5.099	83	118797	19.151	ug/l	99
31) Cyclohexane	5.398	56	107499	19.406	ug/l	98
32) 1,1,1-Trichloroethane	5.327	97	95097	19.075	ug/l	98
36) 1,1-Dichloropropene	5.536	75	88186	18.973	ug/l	100
37) Ethyl Acetate	4.816	43	115017	19.644	ug/l	99
38) Carbon Tetrachloride	5.533	117	79525	18.936	ug/l	98
39) Methylcyclohexane	6.771	83	91062	18.965	ug/l	99
40) Benzene	5.783	78	267652	19.105	ug/l	99

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41) Methacrylonitrile	4.983	41	59447	19.312	ug/l	99
42) 1,2-Dichloroethane	5.803	62	96353	19.269	ug/l	99
43) Isopropyl Acetate	5.922	43	156994	18.961	ug/l	100
44) Trichloroethene	6.549	130	58840	19.008	ug/l	99
45) 1,2-Dichloropropane	6.800	63	72145	18.869	ug/l	95
46) Dibromomethane	6.925	93	45382	18.664	ug/l	100
47) Bromodichloromethane	7.111	83	89843	18.587	ug/l	98
48) Methyl methacrylate	6.967	41	75491	18.491	ug/l	97
49) 1,4-Dioxane	6.980	88	43060	428.986	ug/l	98
51) 4-Methyl-2-Pentanone	7.799	43	578876	94.145	ug/l	100
52) Toluene	7.976	92	157379	19.250	ug/l	100
53) t-1,3-Dichloropropene	8.217	75	96669	18.782	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	108293	19.053	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	63971	18.450	ug/l	99
56) Ethyl methacrylate	8.340	69	97297	18.104	ug/l	99
57) 1,3-Dichloropropane	8.581	76	117456	18.765	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.471	63	132607	87.585	ug/l	99
59) 2-Hexanone	8.693	43	461255	96.533	ug/l	100
60) Dibromochloromethane	8.816	129	62605	18.121	ug/l	100
61) 1,2-Dibromoethane	8.931	107	66951	18.861	ug/l	99
64) Tetrachloroethene	8.558	164	50578	20.482	ug/l	98
65) Chlorobenzene	9.452	112	155064	19.131	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	55654	19.448	ug/l	99
67) Ethyl Benzene	9.578	91	288916	19.622	ug/l	99
68) m/p-Xylenes	9.700	106	216622	39.699	ug/l	100
69) o-Xylene	10.108	106	101793	19.474	ug/l	98
70) Styrene	10.121	104	177036	19.794	ug/l	99
71) Bromoform	10.298	173	44931	17.994	ug/l #	97
73) Isopropylbenzene	10.491	105	277186	20.414	ug/l	99
74) N-amyl acetate	10.327	43	128362	20.649	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	116964	18.953	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	105682m	18.723	ug/l	
77) Bromobenzene	10.790	156	64323	19.658	ug/l	99
78) n-propylbenzene	10.912	91	349828	19.969	ug/l	99
79) 2-Chlorotoluene	10.992	91	205703	19.584	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	246718	20.419	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	36075	18.662	ug/l	96
82) 4-Chlorotoluene	11.102	91	247101	20.100	ug/l	99
83) tert-Butylbenzene	11.426	119	222369	19.818	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	246453	19.500	ug/l	100
85) sec-Butylbenzene	11.651	105	299228	20.440	ug/l	100
86) p-Isopropyltoluene	11.799	119	252225	20.276	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	127358	19.531	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	130062	18.887	ug/l	99
89) n-Butylbenzene	12.214	91	245721	19.540	ug/l	99
90) Hexachloroethane	12.481	117	37466	17.566	ug/l	100
91) 1,2-Dichlorobenzene	12.217	146	129215	19.962	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.002	75	28074	20.755	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	79915	21.078	ug/l	99
94) Hexachlorobutadiene	14.028	225	41905	19.387	ug/l	100
95) Naphthalene	14.092	128	260745	20.717	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	79848	21.863	ug/l	98

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

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