

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044174.D
 Acq On : 14 Jun 2021 12:30
 Operator : SY/MD
 Sample : VU0614WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 9:50:29 AM

Quant Time: Jun 15 02:42:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	153707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	270783	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	267667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	144679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	123436	50.499	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.000%	
35) Dibromofluoromethane	5.301	113	93434	49.603	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.200%	
50) Toluene-d8	7.906	98	370022	51.150	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.300%	
62) 4-Bromofluorobenzene	10.639	95	143076	49.353	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.700%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.391	85	40859	18.844	ug/l	99
3) Chloromethane	1.523	50	48927	18.885	ug/l	98
4) Vinyl Chloride	1.610	62	47849	18.497	ug/l	99
5) Bromomethane	1.864	94	29114	27.274	ug/l	98
6) Chloroethane	1.941	64	26694	17.621	ug/l	98
7) Trichlorofluoromethane	2.144	101	59174	19.016	ug/l	99
8) Diethyl Ether	2.385	74	24145	18.968	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.591	101	35805	18.889	ug/l	100
10) Methyl Iodide	2.732	142	35015	16.014	ug/l	98
11) Tert butyl alcohol	3.256	59	58587m	89.098	ug/l	
12) 1,1-Dichloroethene	2.587	96	35390	18.727	ug/l	95
13) Acrolein	2.501	56	27236	74.456	ug/l	98
14) Allyl chloride	2.935	41	67386	19.109	ug/l	100
15) Acrylonitrile	3.330	53	148502	109.221	ug/l	99
16) Acetone	2.655	43	135011	105.740	ug/l	98
17) Carbon Disulfide	2.803	76	111824	18.428	ug/l	99
18) Methyl Acetate	2.964	43	69121	21.983	ug/l	98
19) Methyl tert-butyl Ether	3.375	73	112406	19.479	ug/l	97
20) Methylene Chloride	3.057	84	45083	19.741	ug/l	98
21) trans-1,2-Dichloroethene	3.362	96	40348	19.329	ug/l	97
22) Diisopropyl ether	4.005	45	121223	19.968	ug/l #	81
23) Vinyl Acetate	3.970	43	569095	98.783	ug/l	99
24) 1,1-Dichloroethane	3.883	63	77253	19.148	ug/l	99
25) 2-Butanone	4.722	43	211212	103.526	ug/l	99
26) 2,2-Dichloropropane	4.677	77	57636	18.089	ug/l	99
27) cis-1,2-Dichloroethene	4.677	96	44425	19.077	ug/l	100
28) Bromochloromethane	4.986	49	37900	19.692	ug/l	98
29) Tetrahydrofuran	5.070	42	126177	113.771	ug/l	99
30) Chloroform	5.099	83	76879	19.512	ug/l	100
31) Cyclohexane	5.398	56	65393	18.957	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	62683	19.135	ug/l	99
36) 1,1-Dichloropropene	5.536	75	57502	19.087	ug/l	99
37) Ethyl Acetate	4.819	43	76978	21.338	ug/l	98
38) Carbon Tetrachloride	5.536	117	52800	19.413	ug/l	100
39) Methylcyclohexane	6.774	83	56250	17.504	ug/l	95
40) Benzene	5.784	78	175191	19.624	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	39128	21.186	ug/l	99
42) 1,2-Dichloroethane	5.803	62	61410	19.494	ug/l	100
43) Isopropyl Acetate	5.925	43	103673	20.255	ug/l	99
44) Trichloroethene	6.552	130	39099	19.007	ug/l	97
45) 1,2-Dichloropropane	6.800	63	45980	18.963	ug/l	97
46) Dibromomethane	6.928	93	30398	19.448	ug/l	98
47) Bromodichloromethane	7.115	83	59092	19.214	ug/l	98
48) Methyl methacrylate	6.970	41	48615	19.518	ug/l	98
49) 1,4-Dioxane	7.021	88	28868	443.104	ug/l #	56
51) 4-Methyl-2-Pentanone	7.803	43	389053	105.017	ug/l	99
52) Toluene	7.976	92	105303	19.900	ug/l	100
53) t-1,3-Dichloropropene	8.217	75	64113	19.053	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	70101	19.307	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	43129	19.406	ug/l	99
56) Ethyl methacrylate	8.343	69	64571	19.020	ug/l	98
57) 1,3-Dichloropropane	8.584	76	76622	19.432	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	81871	80.166	ug/l	100
59) 2-Hexanone	8.697	43	305692	103.396	ug/l	99
60) Dibromochloromethane	8.819	129	42703	19.321	ug/l	99
61) 1,2-Dibromoethane	8.931	107	45179	19.327	ug/l	100
64) Tetrachloroethene	8.562	164	34573	18.790	ug/l	99
65) Chlorobenzene	9.455	112	106467	18.602	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	36533	18.275	ug/l	97
67) Ethyl Benzene	9.578	91	194703	18.938	ug/l	99
68) m/p-Xylenes	9.700	106	149268	38.873	ug/l	99
69) o-Xylene	10.108	106	67810	18.625	ug/l	98
70) Styrene	10.121	104	121212	19.115	ug/l	99
71) Bromoform	10.298	173	30270	17.793	ug/l #	97
73) Isopropylbenzene	10.491	105	188227	19.428	ug/l	99
74) N-amyl acetate	10.330	43	80655	18.537	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	78321	18.571	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	91632	18.890	ug/l	99
77) Bromobenzene	10.790	156	44767	18.380	ug/l	98
78) n-propylbenzene	10.912	91	239003	18.955	ug/l	99
79) 2-Chlorotoluene	10.992	91	140576	18.818	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	166847	19.358	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	23815	17.797	ug/l	94
82) 4-Chlorotoluene	11.102	91	168537	19.104	ug/l	100
83) tert-Butylbenzene	11.430	119	149957	18.544	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	169098	19.527	ug/l	100
85) sec-Butylbenzene	11.651	105	202260	19.046	ug/l	99
86) p-Isopropyltoluene	11.799	119	175369	19.276	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	87521	18.306	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	90601	17.805	ug/l	99
89) n-Butylbenzene	12.217	91	167210	18.095	ug/l	98
90) Hexachloroethane	12.481	117	26359	18.308	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	85034	17.690	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	18008	18.877	ug/l	97
93) 1,2,4-Trichlorobenzene	13.847	180	52814	17.456	ug/l	99
94) Hexachlorobutadiene	14.028	225	29910	18.422	ug/l	97
95) Naphthalene	14.095	128	167515	18.374	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	52279	17.822	ug/l	99

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

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