

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043020.D
 Acq On : 12 Apr 2021 12:53
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/13/2021 5:47:14 PM

Quant Time: Apr 12 13:08:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 12:24:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	133572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	208117	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	192502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	95025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	1522	0.98	ug/l	99
3) Chloromethane	1.523	50	2349	1.45	ug/l	92
4) Vinyl Chloride	1.607	62	1721	1.11	ug/l #	62
6) Chloroethane	1.932	64	1739	1.88	ug/l	97
7) Trichlorofluoromethane	2.144	101	2694	1.12	ug/l	92
8) Diethyl Ether	2.385	74	809	1.05	ug/l	65
9) 1,1,2-Trichlorotrifluo...	2.588	101	1363	1.08	ug/l #	85
12) 1,1-Dichloroethene	2.588	96	1348	1.10	ug/l	93
14) Allyl chloride	2.932	41	3487	1.27	ug/l	96
15) Acrylonitrile	3.330	53	6814	6.37	ug/l	97
16) Acetone	2.636	43	9699	7.61	ug/l	93
17) Carbon Disulfide	2.800	76	4696	1.27	ug/l	96
18) Methyl Acetate	2.961	43	3153	1.34	ug/l	95
19) Methyl tert-butyl Ether	3.372	73	4866	1.04	ug/l	96
20) Methylene Chloride	3.054	84	2009	1.38	ug/l #	91
21) trans-1,2-Dichloroethene	3.356	96	1639	1.24	ug/l	84
22) Diisopropyl ether	4.002	45	5876	1.12	ug/l #	88
23) Vinyl Acetate	3.967	43	27031	5.40	ug/l	99
24) 1,1-Dichloroethane	3.880	63	3075	1.14	ug/l #	84
25) 2-Butanone	4.719	43	10810	6.27	ug/l	97
26) 2,2-Dichloropropane	4.677	77	2594	1.06	ug/l	98
27) cis-1,2-Dichloroethene	4.677	96	1613	1.05	ug/l	89
28) Bromochloromethane	4.983	49	1597	1.16	ug/l #	90
29) Tetrahydrofuran	5.063	42	7006	6.52	ug/l	95
30) Chloroform	5.095	83	3339	1.20	ug/l	91
32) 1,1,1-Trichloroethane	5.327	97	2936	1.17	ug/l #	50
36) 1,1-Dichloropropene	5.539	75	2237	1.07	ug/l #	90
37) Ethyl Acetate	4.825	43	4431	1.35	ug/l #	76
38) Carbon Tetrachloride	5.539	117	2375	1.07	ug/l #	94
39) Methylcyclohexane	6.767	83	2433	1.01	ug/l #	89
40) Benzene	5.787	78	6227	1.06	ug/l	98
41) Methacrylonitrile	4.993	41	2026	1.20	ug/l #	78
42) 1,2-Dichloroethane	5.809	62	2807	1.09	ug/l #	79
43) Isopropyl Acetate	5.925	43	5501	1.14	ug/l #	95
44) Trichloroethene	6.546	130	1692	1.09	ug/l	97
45) 1,2-Dichloropropane	6.800	63	1812	1.11	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.928	93	1270	1.12	ug/l	96
47) Bromodichloromethane	7.115	83	2387	1.07	ug/l	96
48) Methyl methacrylate	6.970	41	2707	1.13	ug/l	97
49) 1,4-Dioxane	6.986	88	952	20.46	ug/l #	49
51) 4-Methyl-2-Pentanone	7.803	43	19767	5.95	ug/l	94
52) Toluene	7.976	92	3749	1.03	ug/l	95
53) t-1,3-Dichloropropene	8.221	75	2674	1.08	ug/l #	86
54) cis-1,3-Dichloropropene	7.613	75	2685	1.03	ug/l	95
55) 1,1,2-Trichloroethane	8.410	97	1666	1.10	ug/l #	91
56) Ethyl methacrylate	8.340	69	2371	0.92	ug/l	88
57) 1,3-Dichloropropane	8.584	76	3002	1.14	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.472	63	3360	3.81	ug/l #	88
59) 2-Hexanone	8.697	43	16018	5.98	ug/l	95
60) Dibromochloromethane	8.819	129	1825	1.03	ug/l	97
61) 1,2-Dibromoethane	8.935	107	1851	1.07	ug/l	95
64) Tetrachloroethene	8.558	164	1606	1.11	ug/l #	91
65) Chlorobenzene	9.455	112	4519	1.16	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	9.542	131	1390	0.94	ug/l #	57
67) Ethyl Benzene	9.578	91	7776	1.11	ug/l	95
68) m/p-Xylenes	9.697	106	5460	2.10	ug/l	99
69) o-Xylene	10.108	106	2799	1.10	ug/l	86
70) Styrene	10.121	104	4292	1.01	ug/l	94
71) Bromoform	10.298	173	1530	1.07	ug/l #	99
73) Isopropylbenzene	10.491	105	6862	1.08	ug/l	97
74) N-amyl acetate	10.327	43	4736	1.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	2980	1.22	ug/l	98
76) 1,2,3-Trichloropropane	10.835	75	3026m	1.25	ug/l	
77) Bromobenzene	10.787	156	2061	1.22	ug/l	99
78) n-propylbenzene	10.912	91	7966	1.08	ug/l	100
79) 2-Chlorotoluene	10.992	91	5137	1.14	ug/l	94
80) 1,3,5-Trimethylbenzene	11.095	105	5870	1.07	ug/l	99
82) 4-Chlorotoluene	11.102	91	6229	1.18	ug/l	98
83) tert-Butylbenzene	11.426	119	5708	1.08	ug/l	95
84) 1,2,4-Trimethylbenzene	11.475	105	6057	1.10	ug/l	97
85) sec-Butylbenzene	11.648	105	6879	1.10	ug/l	98
86) p-Isopropyltoluene	11.803	119	6062	1.05	ug/l	95
87) 1,3-Dichlorobenzene	11.754	146	3665	1.24	ug/l	97
88) 1,4-Dichlorobenzene	11.844	146	4109m	1.35	ug/l	
89) n-Butylbenzene	12.221	91	5805	1.13	ug/l	95
90) Hexachloroethane	12.484	117	1129	1.11	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	3812	1.27	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	887	1.31	ug/l	90
93) 1,2,4-Trichlorobenzene	13.851	180	2964	1.60	ug/l	88
94) Hexachlorobutadiene	14.028	225	1586	1.52	ug/l	97
95) Naphthalene	14.095	128	9288	1.74	ug/l	98
96) 1,2,3-Trichlorobenzene	14.339	180	3029	1.67	ug/l	96

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

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