

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051121\
 Data File : VU043663.D
 Acq On : 11 May 2021 14:45
 Operator : SY/MD
 Sample : M2250-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2021-05

Quant Time: May 12 01:30:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 01:26:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	88936	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	90147	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41184	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24666	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.919	69	21617	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.575	65	13287	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.649	46	116576	52.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.02%
24) Chloroform-d	5.073	84	62206	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.713	65	40276	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.736	84	108554	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.700	67	41019	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.906	98	89447	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloroprop...	8.186	79	15358	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.642	63	89692	61.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.98%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36067	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	34102	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	1364	0.23	ug/L	92
3) Chloromethane	1.520	50	1784	0.28	ug/L	95
5) Vinyl chloride	1.607	62	1463	0.24	ug/L #	42
6) Bromomethane	1.864	94	852	0.30	ug/L	95
8) Chloroethane	1.941	64	989	0.25	ug/L	95
9) Trichlorofluoromethane	2.144	101	2293	0.24	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	1717	0.30	ug/L #	81
12) 1,1-Dichloroethene	2.588	96	1675	0.34	ug/L #	1
13) Acetone	2.665	43	3004	2.03	ug/L	75
14) Carbon disulfide	2.800	76	2933	0.24	ug/L	99
15) Methyl Acetate	2.974	43	1120	0.33	ug/L #	58
16) Methylene chloride	3.054	84	3557	0.45	ug/L	91
17) Methyl tert-butyl Ether	3.379	73	3398	0.23	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	1125	0.22	ug/L	89
19) 1,1-Dichloroethane	3.874	63	2996	0.24	ug/L	98
21) 2-Butanone	4.729	43	4183	1.76	ug/L	99
22) cis-1,2-Dichloroethene	4.681	96	1362	0.22	ug/L	86
23) Bromochloromethane	4.986	128	598	0.22	ug/L #	87
25) Chloroform	5.099	83	3865	0.29	ug/L	91

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

27) 1,2-Dichloroethane	5.803	62	2230	0.25	ug/L #	78
29) 1,1,1-Trichloroethane	5.321	97	2557	0.24	ug/L	92
30) Cyclohexane	5.398	56	1820	0.22	ug/L	99
31) Carbon tetrachloride	5.536	117	1814	0.21	ug/L	98
33) Benzene	5.784	78	5604	0.24	ug/L	100
34) Trichloroethene	6.546	95	1336	0.22	ug/L	89
35) Methylcyclohexane	6.771	83	1688	0.22	ug/L	98
37) 1,2-Dichloropropane	6.800	63	2012	0.28	ug/L #	90
38) Bromodichloromethane	7.115	83	2149	0.23	ug/L #	79
39) cis-1,3-Dichloropropene	7.617	75	2238	0.24	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	14038	2.42	ug/L #	90
42) Toluene	7.980	91	7290	0.29	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	2757	0.32	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	1103	0.23	ug/L	93
47) Tetrachloroethene	8.559	164	1084	0.24	ug/L	87
48) 2-Hexanone	8.694	43	16283	3.78	ug/L #	96
49) Dibromochloromethane	8.819	129	1420	0.24	ug/L	78
50) 1,2-Dibromoethane	8.925	107	1180	0.26	ug/L #	85
51) Chlorobenzene	9.452	112	3434	0.22	ug/L	92
52) Ethylbenzene	9.575	91	5797	0.22	ug/L	95
53) m,p-Xylene	9.697	106	2018	0.21	ug/L	99
54) o-Xylene	10.108	106	1882	0.20	ug/L	89
55) Styrene	10.118	104	3004	0.18	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	1841	0.28	ug/L #	99
59) Bromoform	10.298	173	771	0.26	ug/L #	86
60) Isopropylbenzene	10.491	105	4868	0.22	ug/L	97
61) 1,2,3-Trichloropropane	10.832	75	1189	0.29	ug/L #	80
62) 1,3,5-Trimethylbenzene	11.095	105	3704	0.21	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	3881	0.22	ug/L	92
64) 1,3-Dichlorobenzene	11.751	146	2347	0.21	ug/L	97
65) 1,4-Dichlorobenzene	11.845	146	2682	0.23	ug/L	97
67) 1,2-Dichlorobenzene	12.218	146	2598	0.23	ug/L	95
69) 1,3,5-Trichlorobenzene	13.224	180	2028	0.23	ug/L	92
70) 1,2,4-trichlorobenzene	13.851	180	1445	0.20	ug/L	98
71) Naphthalene	14.095	128	2584	0.21	ug/L #	86
72) 1,2,3-Trichlorobenzene	14.336	180	1443	0.21	ug/L	94

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

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