

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051721\
 Data File : VU043788.D
 Acq On : 17 May 2021 13:24
 Operator : SY/MD
 Sample : M2250-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2021-06

Quant Time: May 18 03:11:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	234575	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	236312	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	112338	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	80916	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.919	69	60083	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.575	65	34919	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	4.645	46	162421	49.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.78%
24) Chloroform-d	5.073	84	136922	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.713	65	73897	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.735	84	292204	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.700	67	91478	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.906	98	253145	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloroprop...	8.185	79	34100	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.642	63	155345	48.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.16%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	75104	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
66) 1,2-Dichlorobenzene-d4	12.198	152	97023	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%
Target Compounds						
2) Dichlorodifluoromethane	1.388	85	4049	0.24	ug/L	99
3) Chloromethane	1.523	50	5542	0.28	ug/L	98
5) Vinyl chloride	1.607	62	4973	0.25	ug/L #	68
6) Bromomethane	1.864	94	2633	0.22	ug/L	91
8) Chloroethane	1.941	64	2802	0.25	ug/L	90
9) Trichlorofluoromethane	2.144	101	5386	0.23	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	4872	0.31	ug/L #	81
12) 1,1-Dichloroethene	2.584	96	4591	0.30	ug/L #	1
13) Acetone	2.655	43	4520	2.16	ug/L	100
14) Carbon disulfide	2.800	76	12144	0.23	ug/L	96
15) Methyl Acetate	2.961	43	2043	0.33	ug/L #	75
16) Methylene chloride	3.054	84	8783	0.38	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	7721	0.22	ug/L	97
18) trans-1,2-Dichloroethene	3.362	96	3927	0.24	ug/L	94
19) 1,1-Dichloroethane	3.880	63	6737	0.23	ug/L	98
21) 2-Butanone	4.729	43	7071	1.77	ug/L	100
22) cis-1,2-Dichloroethene	4.677	96	3870	0.23	ug/L	98
23) Bromochloromethane	4.986	128	1900	0.24	ug/L #	82
25) Chloroform	5.099	83	9478	0.33	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	4339	0.24	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	5557	0.23	ug/L	98
30) Cyclohexane	5.401	56	5367	0.20	ug/L	92
31) Carbon tetrachloride	5.536	117	4329	0.21	ug/L	97
33) Benzene	5.780	78	15789	0.23	ug/L	100
34) Trichloroethene	6.552	95	3910	0.22	ug/L	89
35) Methylcyclohexane	6.771	83	5572	0.20	ug/L	97
37) 1,2-Dichloropropane	6.800	63	4468	0.25	ug/L #	88
38) Bromodichloromethane	7.111	83	4615	0.22	ug/L	94
39) cis-1,3-Dichloropropene	7.616	75	5063	0.21	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	21956	1.93	ug/L #	90
42) Toluene	7.976	91	19150	0.27	ug/L	98
44) trans-1,3-Dichloropropene	8.221	75	5721	0.28	ug/L	83
45) 1,1,2-Trichloroethane	8.407	97	2935	0.23	ug/L	94
47) Tetrachloroethene	8.562	164	3187	0.22	ug/L	91
48) 2-Hexanone	8.693	43	28065	3.32	ug/L	94
49) Dibromochloromethane	8.816	129	3352	0.23	ug/L	99
50) 1,2-Dibromoethane	8.931	107	2905	0.24	ug/L #	78
51) Chlorobenzene	9.452	112	10555	0.24	ug/L	99
52) Ethylbenzene	9.574	91	14812	0.20	ug/L	96
53) m,p-Xylene	9.700	106	5647	0.20	ug/L	94
54) o-Xylene	10.108	106	4948	0.19	ug/L	94
55) Styrene	10.121	104	8100	0.18	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.790	83	3991	0.24	ug/L #	93
59) Bromoform	10.301	173	1946	0.26	ug/L #	91
60) Isopropylbenzene	10.491	105	12407	0.20	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	2671	0.25	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	9344	0.19	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	8967	0.18	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	7123	0.22	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	7866	0.25	ug/L	100
67) 1,2-Dichlorobenzene	12.221	146	8362	0.27	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	483	0.22	ug/L	94
69) 1,3,5-Trichlorobenzene	13.224	180	6561	0.26	ug/L	94
70) 1,2,4-trichlorobenzene	13.848	180	4288	0.21	ug/L	98
71) Naphthalene	14.092	128	6104	0.17	ug/L	99
72) 1,2,3-Trichlorobenzene	14.339	180	5302	0.27	ug/L	99

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

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