

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030121\
 Data File : VU042464.D
 Acq On : 01 Mar 2021 16:59
 Operator : SY/MD
 Sample : M1344-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2021-04

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 3:48:26 PM

Quant Time: Mar 02 14:48:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 02 14:41:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	95636	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	90887	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	49239	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18635	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%			
7) Chloroethane-d5	1.919	69	20343	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.571	65	12673	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.00%			
20) 2-Butanone-d5	4.649	46	105540	43.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.24%			
24) Chloroform-d	5.073	84	59554	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.713	65	38479	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.739	84	110274	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
36) 1,2-Dichloropropane-d6	6.700	67	36594	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.906	98	98476	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloroprop...	8.189	79	13934	4.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.60%			
46) 2-Hexanone-d5	8.648	63	82415	48.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.70%			
56) 1,1,2,2-Tetrachloroeth...	10.767	84	31978	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.00%			
66) 1,2-Dichlorobenzene-d4	12.205	152	42127	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	2363	0.26	ug/L	94
3) Chloromethane	1.523	50	2654	0.32	ug/L	93
5) Vinyl chloride	1.607	62	2240	0.27	ug/L #	78
6) Bromomethane	1.861	94	1348	0.27	ug/L	97
8) Chloroethane	1.938	64	1365	0.27	ug/L	95
9) Trichlorofluoromethane	2.144	101	3345	0.25	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2014	0.29	ug/L	98
12) 1,1-Dichloroethene	2.584	96	1851	0.28	ug/L #	1
13) Acetone	2.662	43	4369m	2.62	ug/L	
14) Carbon disulfide	2.800	76	5619	0.26	ug/L	99
15) Methyl Acetate	2.973	43	897	0.23	ug/L #	59
16) Methylene chloride	3.054	84	2819	0.38	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	5190	0.27	ug/L	94
18) trans-1,2-Dichloroethene	3.362	96	1777	0.25	ug/L	94
19) 1,1-Dichloroethane	3.877	63	3573	0.26	ug/L	98
21) 2-Butanone	4.735	43	7520m	2.65	ug/L	
22) cis-1,2-Dichloroethene	4.681	96	1714	0.23	ug/L	88
23) Bromochloromethane	4.986	128	925	0.26	ug/L #	84
25) Chloroform	5.096	83	3973	0.28	ug/L	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	2920	0.27	ug/L	99
29) 1,1,1-Trichloroethane	5.330	97	3215	0.25	ug/L	96
30) Cyclohexane	5.398	56	3478	0.28	ug/L #	91
31) Carbon tetrachloride	5.539	117	2438	0.22	ug/L	90
33) Benzene	5.780	78	7843	0.28	ug/L	100
34) Trichloroethene	6.549	95	1813	0.24	ug/L	86
35) Methylcyclohexane	6.774	83	3283	0.28	ug/L #	85
37) 1,2-Dichloropropane	6.806	63	1945	0.25	ug/L #	89
38) Bromodichloromethane	7.118	83	2493	0.25	ug/L	93
39) cis-1,3-Dichloropropene	7.616	75	2569	0.22	ug/L	96
40) 4-Methyl-2-pentanone	7.806	43	17368	2.60	ug/L	98
42) Toluene	7.976	91	8016	0.26	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	3220	0.31	ug/L	91
45) 1,1,2-Trichloroethane	8.407	97	1562	0.28	ug/L #	88
47) Tetrachloroethene	8.562	164	1635	0.26	ug/L	87
48) 2-Hexanone	8.700	43	14387	2.94	ug/L	93
49) Dibromochloromethane	8.819	129	1745	0.24	ug/L	91
50) 1,2-Dibromoethane	8.938	107	1422	0.25	ug/L #	87
51) Chlorobenzene	9.459	112	5348	0.27	ug/L	99
52) Ethylbenzene	9.578	91	9062	0.26	ug/L	97
53) m,p-Xylene	9.700	106	3488	0.27	ug/L	79
54) o-Xylene	10.108	106	3092	0.25	ug/L	98
55) Styrene	10.121	104	4547	0.21	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.793	83	1962	0.26	ug/L #	95
59) Bromoform	10.298	173	1036	0.23	ug/L #	88
60) Isopropylbenzene	10.491	105	8538	0.25	ug/L	99
61) 1,2,3-Trichloropropane	10.835	75	1264	0.23	ug/L	95
62) 1,3,5-Trimethylbenzene	11.099	105	6799	0.24	ug/L	98
63) 1,2,4-Trimethylbenzene	11.478	105	7377	0.26	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	4284	0.26	ug/L	88
65) 1,4-Dichlorobenzene	11.844	146	4202	0.26	ug/L	90
67) 1,2-Dichlorobenzene	12.224	146	4008	0.26	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.008	75	322	0.23	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.230	180	3916	0.30	ug/L	96
70) 1,2,4-trichlorobenzene	13.851	180	3183	0.31	ug/L	95
71) Naphthalene	14.098	128	2848	0.17	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.340	180	2702	0.29	ug/L #	97

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

