

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022421\
 Data File : VW020387.D
 Acq On : 23 Feb 2021 18:05
 Operator : SY/MD
 Sample : M1344-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-03

Manual Integrations
 APPROVED

MMDadoda
 2/24/2021 1:27:21 PM

Quant Time: Feb 24 03:13:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 24 03:03:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	290937	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	278277	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	137434	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	89022	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.568	69	74386	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.111	63	127705	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.895	46	166485	49.25	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.50%
24) Chloroform-d	4.355	84	167026	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.037	65	83821	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.056	84	336257	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.075	67	99213	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.320	98	310060	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloroprop...	7.628	79	34288	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.095	63	117356	45.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.98%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	63550	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
66) 1,2-Dichlorobenzene-d4	11.632	152	123866	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	8634	0.24	ug/L	96
3) Chloromethane	1.243	50	7703	0.25	ug/L	96
5) Vinyl chloride	1.310	62	8131	0.25	ug/L #	76
6) Bromomethane	1.523	94	5127	0.24	ug/L	99
8) Chloroethane	1.587	64	4627	0.24	ug/L	91
9) Trichlorofluoromethane	1.754	101	11446	0.24	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	7098	0.28	ug/L	91
12) 1,1-Dichloroethene	2.117	96	6827	0.28	ug/L #	1
13) Acetone	2.185	43	8150	2.71	ug/L	90
14) Carbon disulfide	2.297	76	17673	0.25	ug/L	97
15) Methyl Acetate	2.452	43	1670	0.23	ug/L	93
16) Methylene chloride	2.513	84	8481	0.30	ug/L	87
17) Methyl tert-butyl Ether	2.770	73	10977	0.23	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	5707	0.23	ug/L	94
19) 1,1-Dichloroethane	3.195	63	9997	0.23	ug/L	96
21) 2-Butanone	4.005	43	7444	1.68	ug/L	78
22) cis-1,2-Dichloroethene	3.918	96	6131	0.24	ug/L	97
23) Bromochloromethane	4.262	128	2597	0.22	ug/L	93
25) Chloroform	4.384	83	16366	0.35	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.146	62	5408	0.21	ug/L #	78
29) 1,1,1-Trichloroethane	4.616	97	9197	0.23	ug/L	97
30) Cyclohexane	4.683	56	8337	0.23	ug/L	98
31) Carbon tetrachloride	4.834	117	7839	0.23	ug/L	99
33) Benzene	5.111	78	25336	0.26	ug/L	100
34) Trichloroethene	5.924	95	7007	0.26	ug/L	91
35) Methylcyclohexane	6.133	83	9670	0.24	ug/L	95
37) 1,2-Dichloropropane	6.185	63	5706	0.25	ug/L #	96
38) Bromodichloromethane	6.522	83	6792	0.23	ug/L	95
39) cis-1,3-Dichloropropene	7.040	75	7357	0.23	ug/L	95
40) 4-Methyl-2-pentanone	7.236	43	22080	2.02	ug/L #	84
42) Toluene	7.397	91	25072	0.24	ug/L	98
44) trans-1,3-Dichloropropene	7.667	75	6934	0.27	ug/L	88
45) 1,1,2-Trichloroethane	7.847	97	3926	0.24	ug/L	96
47) Tetrachloroethene	7.982	164	5389	0.23	ug/L	88
48) 2-Hexanone	8.149	43	29695	3.85	ug/L	95
49) Dibromochloromethane	8.252	129	4054	0.21	ug/L	98
50) 1,2-Dibromoethane	8.368	107	3512	0.23	ug/L #	96
51) Chlorobenzene	8.889	112	16173	0.23	ug/L	95
52) Ethylbenzene	9.021	91	26761	0.23	ug/L	99
53) m,p-xylene	9.146	106	10016	0.22	ug/L	94
54) o-xylene	9.551	106	9221	0.22	ug/L	93
55) Styrene	9.574	104	13940	0.20	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.249	83	4015	0.23	ug/L	94
59) Bromoform	9.741	173	2076	0.23	ug/L #	87
60) Isopropylbenzene	9.940	105	23396	0.22	ug/L	96
61) 1,2,3-Trichloropropane	10.281	75	3342	0.27	ug/L	99
62) 1,3,5-Trimethylbenzene	10.548	105	17879	0.21	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	17943	0.21	ug/L	100
64) 1,3-Dichlorobenzene	11.191	146	13181	0.25	ug/L	97
65) 1,4-Dichlorobenzene	11.281	146	13860	0.26	ug/L	95
67) 1,2-Dichlorobenzene	11.654	146	12522	0.26	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.435	75	259	0.12	ug/L #	87
69) 1,3,5-Trichlorobenzene	12.654	180	10646	0.25	ug/L	94
70) 1,2,4-trichlorobenzene	13.275	180	8238	0.24	ug/L	98
71) Naphthalene	13.516	128	8847	0.19	ug/L	99
72) 1,2,3-Trichlorobenzene	13.757	180	7318	0.24	ug/L	93

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

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