

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081121\
 Data File : VW021771.D
 Acq On : 11 Aug 2021 13:28
 Operator : SY/MD
 Sample : M3263-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Manual Integrations
 APPROVED

MMDadoda

8/12/2021 4:11:38 PM

Quant Time: Aug 12 03:39:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 12 03:04:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	196526	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	184205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	91050	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36977	4.914	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.565	69	45267	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.105	63	69088	4.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	3.918	46	152179	50.882	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.760%
24) Chloroform-d	4.349	84	118246	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.037	65	55350	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.050	84	244052	5.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.072	67	77848	5.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.317	98	221287	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	7.629	79	22623	4.967	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.095	63	101774	45.802	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.600%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	45985	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	85062	5.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3581	0.254	ug/L	97
3) Chloromethane	1.240	50	3060	0.253	ug/L	97
5) Vinyl chloride	1.307	62	3299	0.259	ug/L #	69
6) Bromomethane	1.520	94	2185	0.272	ug/L	99
8) Chloroethane	1.581	64	2208	0.276	ug/L	92
9) Trichlorofluoromethane	1.748	101	4518	0.241	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	3196	0.317	ug/L	88
12) 1,1-Dichloroethene	2.114	96	2769	0.306	ug/L #	1
13) Acetone	2.253	43	5924m	3.130	ug/L	
14) Carbon disulfide	2.288	76	6964	0.263	ug/L	99
16) Methylene chloride	2.507	84	6513	0.398	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	6733	0.237	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	2753	0.236	ug/L	96
19) 1,1-Dichloroethane	3.191	63	5351	0.246	ug/L	93
21) 2-Butanone	4.021	43	7288m	2.359	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	3103	0.236	ug/L	88
23) Bromochloromethane	4.259	128	1339	0.226	ug/L	91
25) Chloroform	4.378	83	8204	0.353	ug/L	97
27) 1,2-Dichloroethane	5.140	62	2916	0.235	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.609	97	4509	0.229	ug/L	99
30) Cyclohexane	4.677	56	4362	0.247	ug/L #	89
31) Carbon tetrachloride	4.828	117	3827	0.226	ug/L	92
33) Benzene	5.108	78	11035	0.234	ug/L	100
34) Trichloroethene	5.921	95	3565	0.269	ug/L	88
35) Methylcyclohexane	6.130	83	4902	0.256	ug/L	97
37) 1,2-Dichloropropane	6.178	63	3172	0.265	ug/L	100
38) Bromodichloromethane	6.519	83	3344	0.216	ug/L #	85
39) cis-1,3-Dichloropropene	7.037	75	4516	0.261	ug/L	94
40) 4-Methyl-2-pentanone	7.240	43	15444	2.098	ug/L #	86
42) Toluene	7.394	91	14943	0.293	ug/L	93
44) trans-1,3-Dichloropropene	7.661	75	4477	0.305	ug/L	94
45) 1,1,2-Trichloroethane	7.847	97	2120	0.237	ug/L	93
47) Tetrachloroethene	7.982	164	2599	0.252	ug/L	95
48) 2-Hexanone	8.149	43	28378	5.594	ug/L #	84
49) Dibromochloromethane	8.249	129	2119	0.199	ug/L	88
50) 1,2-Dibromoethane	8.362	107	1789	0.214	ug/L #	98
51) Chlorobenzene	8.886	112	8182	0.241	ug/L	90
52) Ethylbenzene	9.018	91	13354	0.243	ug/L	100
53) m,p-xylene	9.146	106	5163	0.240	ug/L	98
54) o-xylene	9.548	106	5023	0.237	ug/L	87
55) Styrene	9.571	104	7482	0.213	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	2157	0.234	ug/L #	99
59) Bromoform	9.738	173	1044	0.192	ug/L #	88
60) Isopropylbenzene	9.937	105	12823	0.239	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	1670	0.238	ug/L	94
62) 1,3,5-Trimethylbenzene	10.545	105	10277	0.230	ug/L	95
63) 1,2,4-Trimethylbenzene	10.921	105	11577	0.255	ug/L	96
64) 1,3-Dichlorobenzene	11.188	146	6866	0.264	ug/L	95
65) 1,4-Dichlorobenzene	11.278	146	6295	0.244	ug/L	92
67) 1,2-Dichlorobenzene	11.648	146	6852	0.282	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.439	75	181	0.137	ug/L #	36
69) 1,3,5-Trichlorobenzene	12.651	180	4931	0.244	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	3517	0.220	ug/L	91
71) Naphthalene	13.513	128	4694	0.198	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	3353	0.239	ug/L	84

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

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