

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023331.D
 Acq On : 10 Nov 2021 14:32
 Operator : SY/MD
 Sample : M4558-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB865MS

Quant Time: Nov 11 00:42:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120274	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27572	3.659	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.200%	
7) Chloroethane-d5	1.568	69	26532	4.321	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.400%	
11) 1,1-Dichloroethene-d2	2.111	63	61755	4.378	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.600%	
20) 2-Butanone-d5	3.892	46	94752	72.993	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	145.980%#	
24) Chloroform-d	4.352	84	77535	4.829	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.037	65	36489	5.053	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	5.053	84	139902	4.546	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	6.072	67	43880	4.843	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.317	98	127349	4.415	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
43) trans-1,3-Dichloroprop...	7.625	79	15289	4.450	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.000%	
46) 2-Hexanone-d5	8.088	63	78892	62.415	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	124.820%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34915	5.359	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	50476	4.642	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	58418	4.981	ug/L	100
3) Chloromethane	1.240	50	56395	5.656	ug/L	95
5) Vinyl chloride	1.310	62	62329	6.259	ug/L	99
6) Bromomethane	1.523	94	32487	5.103	ug/L	98
8) Chloroethane	1.587	64	33502	5.830	ug/L	99
9) Trichlorofluoromethane	1.754	101	82443	5.510	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	40003	5.310	ug/L	98
12) 1,1-Dichloroethene	2.121	96	39487	5.505	ug/L	83
13) Acetone	2.182	43	61416	77.431	ug/L	89
14) Carbon disulfide	2.298	76	138780	5.127	ug/L	99
15) Methyl Acetate	2.439	43	12396	5.522	ug/L	94
16) Methylene chloride	2.510	84	48136	4.599	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	87066	5.515	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	49838	5.653	ug/L	98
19) 1,1-Dichloroethane	3.191	63	84312	5.664	ug/L	99
21) 2-Butanone	3.976	43	91037	70.991	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	115562	13.619	ug/L #	94
23) Bromochloromethane	4.252	128	22641	5.786	ug/L #	82
25) Chloroform	4.378	83	88218	5.560	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	46905	5.557	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	79441	5.453	ug/L	99
30) Cyclohexane	4.680	56	67375	5.161	ug/L	98
31) Carbon tetrachloride	4.831	117	70748	5.407	ug/L	96
33) Benzene	5.101	78	189968	5.666	ug/L	100
34) Trichloroethene	5.918	95	61518	6.900	ug/L	92
35) Methylcyclohexane	6.133	83	68546	4.871	ug/L	96
37) 1,2-Dichloropropane	6.175	63	45414	5.802	ug/L	98
38) Bromodichloromethane	6.513	83	59013	5.626	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	55777	4.955	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	236027	65.019	ug/L	99
42) Toluene	7.391	91	204575	5.705	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	46230	4.949	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	31283	5.563	ug/L	98
47) Tetrachloroethene	7.976	164	42825	5.542	ug/L	99
48) 2-Hexanone	8.140	43	175786	69.107	ug/L	98
49) Dibromochloromethane	8.246	129	40362	5.664	ug/L	96
50) 1,2-Dibromoethane	8.355	107	29907	5.738	ug/L #	97
51) Chlorobenzene	8.882	112	129094	5.416	ug/L	99
52) Ethylbenzene	9.014	91	204685	5.412	ug/L	100
53) m,p-xylene	9.140	106	81406	5.484	ug/L	97
54) o-xylene	9.545	106	77277	5.549	ug/L	99
55) Styrene	9.561	104	136726	5.731	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	36032	5.848	ug/L	97
59) Bromoform	9.735	173	22181	5.687	ug/L	98
60) Isopropylbenzene	9.934	105	204964	5.470	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26179	6.035	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	164935	5.309	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	167954	5.431	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	107722	5.626	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	107327	5.489	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	97400	5.685	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5022	5.434	ug/L	92
69) 1,3,5-Trichlorobenzene	12.648	180	76885	5.129	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	61196	5.098	ug/L	98
71) Naphthalene	13.503	128	89819	5.074	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	55979	5.330	ug/L	99

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

