

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023389.D
 Acq On : 11 Nov 2021 15:42
 Operator : SY/MD
 Sample : M4581-04MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB8J2MS

Quant Time: Nov 12 00:30:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123456	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121612	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66361	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32562	4.210	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.568	69	26582	4.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.108	63	66471	4.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	3.899	46	69244	51.968	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.940%
24) Chloroform-d	4.352	84	67563	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.037	65	33611	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.053	84	140487	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.072	67	41671	4.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.317	98	134139	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.625	79	15585	4.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.091	63	64307	50.182	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31005	4.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	50013	4.526	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	57949	4.814	ug/L	98
3) Chloromethane	1.240	50	50333	4.918	ug/L	97
5) Vinyl chloride	1.310	62	50952	4.985	ug/L	100
6) Bromomethane	1.519	94	29113	4.456	ug/L	97
8) Chloroethane	1.584	64	29226	4.954	ug/L	98
9) Trichlorofluoromethane	1.751	101	76378	4.973	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38077	4.924	ug/L	96
12) 1,1-Dichloroethene	2.117	96	36771	4.995	ug/L	86
13) Acetone	2.182	43	48364	59.404	ug/L	91
14) Carbon disulfide	2.294	76	129559	4.663	ug/L	100
15) Methyl Acetate	2.436	43	14685	6.373	ug/L	92
16) Methylene chloride	2.506	84	44343	4.127	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	87031	5.370	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	43955	4.857	ug/L	99
19) 1,1-Dichloroethane	3.191	63	76675	5.018	ug/L	98
21) 2-Butanone	3.982	43	78528	59.658	ug/L	100
22) cis-1,2-Dichloroethene	3.912	96	45081	5.176	ug/L	# 88
23) Bromochloromethane	4.252	128	21449	5.341	ug/L	# 74
25) Chloroform	4.378	83	88506	5.434	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	45162	5.213	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	74219	5.025	ug/L	99
30) Cyclohexane	4.677	56	63149	4.771	ug/L	96
31) Carbon tetrachloride	4.831	117	67520	5.090	ug/L	96
33) Benzene	5.101	78	174490	5.133	ug/L	100
34) Trichloroethene	5.918	95	45433	5.026	ug/L	98
35) Methylcyclohexane	6.133	83	68762	4.820	ug/L	97
37) 1,2-Dichloropropane	6.175	63	41454	5.224	ug/L	99
38) Bromodichloromethane	6.513	83	55984	5.265	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	57527	5.040	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	228479	62.081	ug/L	99
42) Toluene	7.391	91	190567	5.242	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	51542	5.443	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	29999	5.262	ug/L	97
47) Tetrachloroethene	7.979	164	42470	5.421	ug/L	97
48) 2-Hexanone	8.140	43	167422	64.921	ug/L	99
49) Dibromochloromethane	8.246	129	39647	5.488	ug/L	99
50) 1,2-Dibromoethane	8.355	107	28833	5.457	ug/L	99
51) Chlorobenzene	8.882	112	121101	5.011	ug/L	100
52) Ethylbenzene	9.014	91	192152	5.011	ug/L	98
53) m,p-xylene	9.140	106	76364	5.075	ug/L	99
54) o-xylene	9.545	106	72455	5.132	ug/L	97
55) Styrene	9.561	104	128535	5.315	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	34169	5.470	ug/L	99
59) Bromoform	9.734	173	21021	5.303	ug/L	97
60) Isopropylbenzene	9.934	105	198971	5.225	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24615	5.584	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	160887	5.095	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	161539	5.140	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	99294	5.103	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	97401	4.902	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	91079	5.231	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5612	5.975	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	74372	4.882	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	57329	4.699	ug/L	99
71) Naphthalene	13.503	128	88894	4.942	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	53097	4.974	ug/L	99

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

