

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100621\
 Data File : VW022643.D
 Acq On : 07 Oct 2021 00:39
 Operator : SY/MD
 Sample : M4050-11MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB7C5MSD

Quant Time: Oct 07 07:48:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 07:45:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	106160	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56900	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	13928	4.095	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.565	69	20370	4.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.111	63	46606	4.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.883	46	99940	49.707	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.420%
24) Chloroform-d	4.352	84	62003	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.037	65	30206	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.053	84	106727	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.069	67	36533	4.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.320	98	90393	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.629	79	9992	4.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.088	63	76732	57.369	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32179	5.189	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	42481	4.827	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	44269	5.475	ug/L	98
3) Chloromethane	1.240	50	45844	5.663	ug/L	99
5) Vinyl chloride	1.311	62	47087	5.763	ug/L	100
6) Bromomethane	1.520	94	24477	4.513	ug/L	97
8) Chloroethane	1.584	64	27752	5.341	ug/L	98
9) Trichlorofluoromethane	1.751	101	69365	5.674	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41173	5.858	ug/L	98
12) 1,1-Dichloroethene	2.118	96	37446	5.758	ug/L	97
13) Acetone	2.175	43	70790	65.471	ug/L #	31
14) Carbon disulfide	2.294	76	115483	6.071	ug/L	98
15) Methyl Acetate	2.433	43	13162	4.134	ug/L #	78
16) Methylene chloride	2.507	84	40090	5.350	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	79584	4.816	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	38803	5.475	ug/L	98
19) 1,1-Dichloroethane	3.192	63	68282	5.370	ug/L	97
21) 2-Butanone	3.970	43	86133	49.763	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	40521	5.270	ug/L	99
23) Bromochloromethane	4.253	128	19127	5.284	ug/L	90
25) Chloroform	4.375	83	71670	5.162	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	38393	5.195	ug/L #	94
29) 1,1,1-Trichloroethane	4.609	97	62179	5.301	ug/L	97
30) Cyclohexane	4.677	56	55052	5.180	ug/L	97
31) Carbon tetrachloride	4.828	117	54792	5.265	ug/L	98
33) Benzene	5.101	78	149739	5.412	ug/L	100
34) Trichloroethene	5.915	95	39240	4.880	ug/L	99
35) Methylcyclohexane	6.133	83	58586	5.200	ug/L	99
37) 1,2-Dichloropropane	6.175	63	34471	5.103	ug/L	100
38) Bromodichloromethane	6.513	83	45828	5.354	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	47038	5.167	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	204281	54.942	ug/L	99
42) Toluene	7.391	91	164770	5.669	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	38248	5.033	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	26492	5.254	ug/L	92
47) Tetrachloroethene	7.979	164	34279	5.482	ug/L	97
48) 2-Hexanone	8.140	43	151973	56.815	ug/L	100
49) Dibromochloromethane	8.249	129	32528	5.473	ug/L	97
50) 1,2-Dibromoethane	8.355	107	24924	5.317	ug/L	90
51) Chlorobenzene	8.883	112	105612	5.552	ug/L	99
52) Ethylbenzene	9.014	91	165032	5.533	ug/L	99
53) m,p-xylene	9.140	106	65393	5.750	ug/L	97
54) o-xylene	9.545	106	63597	5.621	ug/L	99
55) Styrene	9.564	104	108692	5.651	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	29768	5.441	ug/L	98
59) Bromoform	9.731	173	17664	5.292	ug/L	97
60) Isopropylbenzene	9.934	105	171409	5.603	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22240	5.273	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	135905	5.480	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	140486	5.576	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	86635	5.532	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	86119	5.376	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	80132	5.492	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	4233	5.251	ug/L	91
69) 1,3,5-Trichlorobenzene	12.648	180	66048	5.633	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	50184	5.334	ug/L	98
71) Naphthalene	13.503	128	81966	5.317	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	49787	5.758	ug/L	99

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

