

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023390.D
 Acq On : 11 Nov 2021 16:04
 Operator : SY/MD
 Sample : M4581-05MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB8J2MSD

Quant Time: Nov 12 00:31:23 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	5.622	114	125741	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123602	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34185	4.340	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.568	69	27993	4.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.108	63	66450	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.899	46	70299	51.801	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.600%
24) Chloroform-d	4.352	84	72900	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.037	65	35621	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.053	84	143267	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.072	67	42016	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.320	98	138355	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.625	79	16353	4.620	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.091	63	66779	51.272	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.540%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31297	4.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	50835	4.517	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	58097	4.738	ug/L	97
3) Chloromethane	1.240	50	50046	4.801	ug/L	97
5) Vinyl chloride	1.307	62	51347	4.932	ug/L	100
6) Bromomethane	1.519	94	29661	4.457	ug/L	99
8) Chloroethane	1.584	64	28296	4.710	ug/L	95
9) Trichlorofluoromethane	1.751	101	76146	4.868	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	37700	4.787	ug/L	95
12) 1,1-Dichloroethene	2.117	96	36057	4.809	ug/L	90
13) Acetone	2.185	43	48972	59.057	ug/L	99
14) Carbon disulfide	2.294	76	133390	4.714	ug/L	99
15) Methyl Acetate	2.439	43	15725	6.700	ug/L #	84
16) Methylene chloride	2.507	84	44300	4.048	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	88727	5.375	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	45025	4.885	ug/L	96
19) 1,1-Dichloroethane	3.191	63	77121	4.955	ug/L	97
21) 2-Butanone	3.982	43	75105	56.021	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	45601	5.140	ug/L #	92
23) Bromochloromethane	4.252	128	21387	5.228	ug/L	81
25) Chloroform	4.381	83	85731	5.168	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	45145	5.116	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	74561	4.967	ug/L	99
30) Cyclohexane	4.680	56	65173	4.845	ug/L	97
31) Carbon tetrachloride	4.831	117	67880	5.035	ug/L	97
33) Benzene	5.101	78	172427	4.991	ug/L	100
34) Trichloroethene	5.918	95	45527	4.956	ug/L	98
35) Methylcyclohexane	6.133	83	71758	4.949	ug/L	95
37) 1,2-Dichloropropane	6.175	63	41317	5.123	ug/L	98
38) Bromodichloromethane	6.513	83	56176	5.198	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	59130	5.097	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	233522	62.430	ug/L	97
42) Toluene	7.391	91	191149	5.173	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	49404	5.133	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	29708	5.127	ug/L	96
47) Tetrachloroethene	7.979	164	43520	5.466	ug/L	94
48) 2-Hexanone	8.143	43	170472	65.040	ug/L	97
49) Dibromochloromethane	8.249	129	39536	5.385	ug/L	98
50) 1,2-Dibromoethane	8.355	107	28689	5.342	ug/L	98
51) Chlorobenzene	8.882	112	120779	4.918	ug/L	99
52) Ethylbenzene	9.014	91	193611	4.968	ug/L	99
53) m,p-xylene	9.140	106	75919	4.964	ug/L	94
54) o-xylene	9.545	106	73670	5.134	ug/L	99
55) Styrene	9.561	104	128904	5.244	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	34660	5.459	ug/L	100
59) Bromoform	9.735	173	21980	5.445	ug/L #	98
60) Isopropylbenzene	9.934	105	198542	5.119	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	24920	5.550	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	162575	5.055	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	164131	5.128	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	100818	5.087	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	99482	4.915	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	90850	5.123	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5020	5.248	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	73354	4.728	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	58268	4.689	ug/L	99
71) Naphthalene	13.503	128	90445	4.936	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	54758	5.037	ug/L	99

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

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