

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023332.D
 Acq On : 10 Nov 2021 14:56
 Operator : SY/MD
 Sample : M4558-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB865MSD

Quant Time: Nov 11 00:42:34 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	127477	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127111	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27547	3.449	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.568	69	25974	3.991	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.111	63	61647	4.124	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.892	46	99498	72.318	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.640%#
24) Chloroform-d	4.352	84	77382	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.037	65	37008	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.053	84	140983	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.072	67	44595	4.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.317	98	129045	4.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.625	79	15702	4.313	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.088	63	83649	62.452	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.900%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35479	5.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	52984	4.484	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	61865	4.977	ug/L	99
3) Chloromethane	1.240	50	57865	5.475	ug/L	97
5) Vinyl chloride	1.311	62	65491	6.205	ug/L	99
6) Bromomethane	1.523	94	34503	5.114	ug/L	98
8) Chloroethane	1.587	64	33889	5.564	ug/L	96
9) Trichlorofluoromethane	1.754	101	83117	5.241	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41596	5.210	ug/L	96
12) 1,1-Dichloroethene	2.121	96	41611	5.474	ug/L #	83
13) Acetone	2.182	43	62222	74.014	ug/L	89
14) Carbon disulfide	2.298	76	144417	5.034	ug/L	99
15) Methyl Acetate	2.439	43	14682	6.171	ug/L	90
16) Methylene chloride	2.510	84	49946	4.502	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	91333	5.458	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	51984	5.563	ug/L	98
19) 1,1-Dichloroethane	3.191	63	87408	5.540	ug/L	96
21) 2-Butanone	3.979	43	98271	72.302	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	118517	13.178	ug/L #	92
23) Bromochloromethane	4.253	128	23487	5.664	ug/L #	86
25) Chloroform	4.378	83	91399	5.435	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	48739	5.448	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	81933	5.307	ug/L	99
30) Cyclohexane	4.680	56	71224	5.149	ug/L	98
31) Carbon tetrachloride	4.831	117	72804	5.251	ug/L	100
33) Benzene	5.101	78	195822	5.512	ug/L	100
34) Trichloroethene	5.918	95	66847	7.075	ug/L	99
35) Methylcyclohexane	6.133	83	72445	4.858	ug/L	97
37) 1,2-Dichloropropane	6.175	63	47585	5.737	ug/L	99
38) Bromodichloromethane	6.513	83	60047	5.402	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	53387	4.475	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	244864	63.655	ug/L	97
42) Toluene	7.387	91	215672	5.676	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	50053	5.057	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	33160	5.564	ug/L	99
47) Tetrachloroethene	7.976	164	44630	5.451	ug/L	97
48) 2-Hexanone	8.140	43	181335	67.274	ug/L	98
49) Dibromochloromethane	8.246	129	41051	5.436	ug/L	99
50) 1,2-Dibromoethane	8.355	107	30873	5.590	ug/L	97
51) Chlorobenzene	8.883	112	134192	5.313	ug/L	99
52) Ethylbenzene	9.014	91	215286	5.372	ug/L	98
53) m,p-xylene	9.140	106	85389	5.429	ug/L	98
54) o-xylene	9.545	106	81575	5.528	ug/L	98
55) Styrene	9.561	104	143857	5.691	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	36971	5.662	ug/L	98
59) Bromoform	9.731	173	22926	5.408	ug/L #	97
60) Isopropylbenzene	9.934	105	216911	5.326	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26154	5.548	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	174964	5.181	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	179358	5.336	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	111228	5.345	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	109547	5.155	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	100779	5.412	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5714	5.689	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	80926	4.967	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	64936	4.977	ug/L	99
71) Naphthalene	13.503	128	97033	5.044	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	59403	5.204	ug/L	99

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

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