

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092421\
 Data File : VW022322.D
 Acq On : 24 Sep 2021 17:27
 Operator : SY/MD
 Sample : M3878-15MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW2N4MS

Quant Time: Sep 25 04:32:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 25 04:30:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	128741	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	124546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67191	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	27917	4.303	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.564	69	34749	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.108	63	67733	4.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.876	46	112323	42.371	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.740%
24) Chloroform-d	4.346	84	87285	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.030	65	39352	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.047	84	167779	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.069	67	53019	4.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.313	98	144936	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.625	79	14359	4.299	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.085	63	90094	43.378	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39603	4.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	55369	4.391	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	54242	5.411	ug/L	98
3) Chloromethane	1.240	50	53287	5.320	ug/L	100
5) Vinyl chloride	1.307	62	52326	5.431	ug/L	99
6) Bromomethane	1.519	94	32997	5.342	ug/L	97
8) Chloroethane	1.580	64	32476	5.352	ug/L	100
9) Trichlorofluoromethane	1.751	101	72982	5.476	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	43156	5.434	ug/L	99
12) 1,1-Dichloroethene	2.114	96	39715	5.489	ug/L	85
13) Acetone	2.166	43	59954	39.889	ug/L	97
14) Carbon disulfide	2.291	76	130562	5.307	ug/L	100
15) Methyl Acetate	2.433	43	16495	4.946	ug/L	97
16) Methylene chloride	2.503	84	47718	3.790	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	90347	4.695	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	46819	5.417	ug/L	97
19) 1,1-Dichloroethane	3.185	63	82892	5.436	ug/L	98
21) 2-Butanone	3.963	43	98495	43.317	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	47076	5.480	ug/L	98
23) Bromochloromethane	4.246	128	21315	5.256	ug/L	95
25) Chloroform	4.371	83	82193	5.275	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	43716	4.805	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	71577	5.518	ug/L	97
30) Cyclohexane	4.674	56	69809	5.390	ug/L	100
31) Carbon tetrachloride	4.821	117	60810	5.519	ug/L	97
33) Benzene	5.095	78	186255	5.686	ug/L	100
34) Trichloroethene	5.911	95	46789	5.620	ug/L	95
35) Methylcyclohexane	6.127	83	74807	5.627	ug/L	99
37) 1,2-Dichloropropane	6.172	63	45475	5.498	ug/L	100
38) Bromodichloromethane	6.510	83	51520	5.170	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	57459	5.253	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	244462	45.863	ug/L	100
42) Toluene	7.387	91	194463	5.603	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	47494	5.080	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	31285	5.003	ug/L	96
47) Tetrachloroethene	7.976	164	38517	5.455	ug/L	96
48) 2-Hexanone	8.136	43	173206	46.244	ug/L	99
49) Dibromochloromethane	8.246	129	34807	5.175	ug/L	96
50) 1,2-Dibromoethane	8.352	107	28663	4.930	ug/L #	93
51) Chlorobenzene	8.882	112	122956	5.394	ug/L	97
52) Ethylbenzene	9.011	91	197896	5.481	ug/L	99
53) m,p-xylene	9.140	106	76912	5.516	ug/L	97
54) o-xylene	9.545	106	73860	5.436	ug/L	92
55) Styrene	9.561	104	127215	5.643	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	36661	4.721	ug/L	96
59) Bromoform	9.731	173	18377	4.902	ug/L	93
60) Isopropylbenzene	9.931	105	197438	5.273	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25077	4.303	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	160425	5.247	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	165343	5.425	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	98526	5.346	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	98105	5.253	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	89513	5.096	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.432	75	4916	4.243	ug/L	88
69) 1,3,5-Trichlorobenzene	12.648	180	74519	5.331	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	55259	4.962	ug/L	97
71) Naphthalene	13.503	128	82823	4.093	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	52022	4.999	ug/L	96

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

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