

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029186.D
 Acq On : 19 Nov 2022 21:20
 Operator : SY/MD
 Sample : N5680-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB9MSD

Quant Time: Nov 20 01:02:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	321620	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	303748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	159615	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	105538	5.383	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.600%		
7) Chloroethane-d5	1.568	69	81902	4.751	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 95.000%		
11) 1,1-Dichloroethene-d2	2.108	63	175195	4.903	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.000%		
20) 2-Butanone-d5	3.895	46	292631	89.157	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 178.320%#		
24) Chloroform-d	4.346	84	195693	4.861	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 97.200%		
26) 1,2-Dichloroethane-d4	5.030	65	95710	5.284	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.600%		
32) Benzene-d6	5.047	84	395363	4.361	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 87.200%		
36) 1,2-Dichloropropane-d6	6.066	67	119256	4.710	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 94.200%		
41) Toluene-d8	7.310	98	358259	4.390	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 87.800%		
43) trans-1,3-Dichloroprop...	7.619	79	43865	5.312	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 106.200%		
46) 2-Hexanone-d5	8.085	63	311715	88.442	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 176.880%#		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	107367	6.117	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 122.400%#		
66) 1,2-Dichlorobenzene-d4	11.615	152	141250	4.946	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 99.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	119314	4.450	ug/L	100
3) Chloromethane	1.240	50	119518	5.371	ug/L	98
5) Vinyl chloride	1.310	62	121989	4.806	ug/L	93
6) Bromomethane	1.523	94	64561	4.256	ug/L	99
8) Chloroethane	1.584	64	82450	5.528	ug/L	96
9) Trichlorofluoromethane	1.754	101	162975	4.762	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	92998	4.800	ug/L	99
12) 1,1-Dichloroethene	2.117	96	96708	4.967	ug/L	98
13) Acetone	2.195	43	132779	62.888	ug/L	86
14) Carbon disulfide	2.294	76	276133	3.994	ug/L	100
15) Methyl Acetate	2.442	43	37717	7.361	ug/L	93
16) Methylene chloride	2.503	84	113853	4.523	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	290056	6.949	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	105650	4.679	ug/L	97
19) 1,1-Dichloroethane	3.185	63	188762	5.113	ug/L	99
21) 2-Butanone	3.979	43	259755	79.464	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	122295	5.327	ug/L	80
23) Bromochloromethane	4.246	128	55298	5.695	ug/L	95
25) Chloroform	4.371	83	198674	5.134	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	118390	5.940	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	167082	4.688	ug/L	98
30) Cyclohexane	4.674	56	166230	4.589	ug/L	97
31) Carbon tetrachloride	4.825	117	138102	4.499	ug/L	99
33) Benzene	5.098	78	452425	4.874	ug/L	100
34) Trichloroethene	5.911	95	108403	4.562	ug/L	98
35) Methylcyclohexane	6.127	83	177678	4.254	ug/L	99
37) 1,2-Dichloropropane	6.169	63	111516	5.210	ug/L	99
38) Bromodichloromethane	6.506	83	133831	4.937	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	150919	5.050	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	862183	93.622	ug/L	98
42) Toluene	7.384	91	482270	4.809	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	123831	5.338	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	88659	6.328	ug/L	98
47) Tetrachloroethene	7.969	164	89310	4.694	ug/L	99
48) 2-Hexanone	8.136	43	624423	96.796	ug/L	99
49) Dibromochloromethane	8.239	129	88588	5.229	ug/L	99
50) 1,2-Dibromoethane	8.349	107	80433	6.179	ug/L	98
51) Chlorobenzene	8.876	112	312420	5.039	ug/L	99
52) Ethylbenzene	9.005	91	503405	4.822	ug/L	99
53) m,p-Xylene	9.133	106	198113	4.772	ug/L	100
54) o-Xylene	9.535	106	199523	5.055	ug/L	99
55) Styrene	9.554	104	318889	4.817	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	114363	7.003	ug/L	99
59) Bromoform	9.725	173	45215	5.196	ug/L	97
60) Isopropylbenzene	9.924	105	513519	4.957	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	78471	7.194	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	425007	4.842	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	433117	4.926	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	243968	5.012	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	247216	5.052	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	244675	5.594	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	13513	6.296	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.635	180	169162	4.504	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	140327	4.940	ug/L	98
71) Naphthalene	13.493	128	279494	7.625	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	138005	5.736	ug/L	99

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

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