

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029185.D
 Acq On : 19 Nov 2022 20:57
 Operator : SY/MD
 Sample : N5680-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB9MS

Quant Time: Nov 20 01:02:15 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	308923	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	284218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	148726	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	99683	5.293	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	105.800%	
7) Chloroethane-d5	1.568	69	78885	4.765	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.108	63	156092	4.548	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.000%	
20) 2-Butanone-d5	3.902	46	318185	100.926	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	201.860%#	
24) Chloroform-d	4.346	84	191082	4.942	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.030	65	96941	5.572	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.400%	
32) Benzene-d6	5.050	84	376803	4.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.069	67	116893	4.934	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.313	98	331872	4.346	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
43) trans-1,3-Dichloroprop...	7.619	79	43453	5.624	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	112.400%	
46) 2-Hexanone-d5	8.085	63	341040	103.411	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	206.820%#	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	115957	7.060	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	141.200%#	
66) 1,2-Dichlorobenzene-d4	11.615	152	135332	5.086	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	92453	3.590	ug/L	99
3) Chloromethane	1.240	50	117556	5.500	ug/L	99
5) Vinyl chloride	1.310	62	110919	4.550	ug/L	96
6) Bromomethane	1.523	94	58765	4.033	ug/L	97
8) Chloroethane	1.584	64	75277	5.255	ug/L	94
9) Trichlorofluoromethane	1.751	101	131619	4.004	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	70371	3.781	ug/L	98
12) 1,1-Dichloroethene	2.117	96	85388	4.566	ug/L	99
13) Acetone	2.198	43	155442	76.648	ug/L	87
14) Carbon disulfide	2.291	76	235595	3.548	ug/L	99
15) Methyl Acetate	2.442	43	39733	8.073	ug/L	98
16) Methylene chloride	2.506	84	114500	4.735	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	300802	7.502	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	97492	4.495	ug/L	98
19) 1,1-Dichloroethane	3.188	63	182600	5.150	ug/L	99
21) 2-Butanone	3.982	43	323257	102.955	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	118553	5.376	ug/L #	82
23) Bromochloromethane	4.249	128	56529	6.062	ug/L	93
25) Chloroform	4.371	83	190515	5.125	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	124511	6.504	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	142534	4.274	ug/L	99
30) Cyclohexane	4.674	56	118469	3.495	ug/L	97
31) Carbon tetrachloride	4.828	117	109347	3.807	ug/L	99
33) Benzene	5.098	78	417955	4.812	ug/L	100
34) Trichloroethene	5.915	95	95578	4.299	ug/L	99
35) Methylcyclohexane	6.130	83	129014	3.301	ug/L	97
37) 1,2-Dichloropropane	6.172	63	108309	5.408	ug/L	100
38) Bromodichloromethane	6.510	83	130137	5.131	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	144346	5.162	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	952007	110.479	ug/L	97
42) Toluene	7.384	91	411564	4.386	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	124003	5.713	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	92873	7.084	ug/L	97
47) Tetrachloroethene	7.972	164	70900	3.982	ug/L	97
48) 2-Hexanone	8.136	43	694593	115.072	ug/L	99
49) Dibromochloromethane	8.239	129	89473	5.645	ug/L	99
50) 1,2-Dibromoethane	8.349	107	85183	6.993	ug/L	99
51) Chlorobenzene	8.876	112	272204	4.692	ug/L	99
52) Ethylbenzene	9.008	91	403155	4.127	ug/L	100
53) m,p-Xylene	9.133	106	159514	4.106	ug/L	98
54) o-Xylene	9.538	106	164942	4.466	ug/L	97
55) Styrene	9.554	104	278403	4.494	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	119487	7.819	ug/L	100
59) Bromoform	9.725	173	47019	5.799	ug/L	98
60) Isopropylbenzene	9.924	105	392313	4.064	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	83913	8.256	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	333027	4.072	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	341592	4.170	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	205031	4.520	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	206887	4.537	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	216305	5.308	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	14196	7.099	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.635	180	139952	3.999	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	123637	4.671	ug/L	99
71) Naphthalene	13.493	128	277798	8.134	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	124678	5.562	ug/L	100

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

