

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029212.D
 Acq On : 20 Nov 2022 08:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005360

Quant Time: Nov 21 00:25:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 03:53:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	330930	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	306967	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	161959	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	111973	5.550	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.000%
7) Chloroethane-d5	1.568	69	85831	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.108	63	183332	4.986	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	3.899	46	203366	60.217	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.440%
24) Chloroform-d	4.343	84	194811	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.027	65	87504	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.047	84	405955	4.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.063	67	116696	4.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.310	98	371704	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.619	79	36529	4.378	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.085	63	175673	49.320	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.640%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	83515	4.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	134788	4.652	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	119900	4.346	ug/L	97
3) Chloromethane	1.240	50	114419	4.997	ug/L	100
5) Vinyl chloride	1.311	62	124419	4.764	ug/L	93
6) Bromomethane	1.523	94	66883	4.285	ug/L	99
8) Chloroethane	1.584	64	77062	5.022	ug/L	94
9) Trichlorofluoromethane	1.751	101	175811	4.993	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	99327	4.982	ug/L	100
12) 1,1-Dichloroethene	2.118	96	100406	5.012	ug/L	98
13) Acetone	2.195	43	123272	56.743	ug/L	85
14) Carbon disulfide	2.291	76	283276	3.982	ug/L	100
15) Methyl Acetate	2.439	43	31529	5.980	ug/L	98
16) Methylene chloride	2.503	84	115164	4.446	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	221034	5.146	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	109859	4.728	ug/L	98
19) 1,1-Dichloroethane	3.185	63	191828	5.050	ug/L	99
21) 2-Butanone	3.979	43	198344	58.970	ug/L	90
22) cis-1,2-Dichloroethene	3.909	96	120556	5.104	ug/L	100
23) Bromochloromethane	4.243	128	50921	5.097	ug/L	94
25) Chloroform	4.368	83	201476	5.060	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	107316	5.233	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	169738	4.712	ug/L	98
30) Cyclohexane	4.674	56	166416	4.546	ug/L	99
31) Carbon tetrachloride	4.825	117	138223	4.456	ug/L	99
33) Benzene	5.095	78	452562	4.825	ug/L	100
34) Trichloroethene	5.908	95	115343	4.803	ug/L	98
35) Methylcyclohexane	6.127	83	181734	4.306	ug/L	98
37) 1,2-Dichloropropane	6.169	63	103094	4.766	ug/L	99
38) Bromodichloromethane	6.507	83	123587	4.511	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	131391	4.351	ug/L	99
40) 4-Methyl-2-pentanone	7.224	43	513645	55.190	ug/L	98
42) Toluene	7.381	91	493721	4.872	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	102628	4.378	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	74837	5.285	ug/L	96
47) Tetrachloroethene	7.969	164	93034	4.838	ug/L	99
48) 2-Hexanone	8.137	43	364399	55.895	ug/L	99
49) Dibromochloromethane	8.240	129	77743	4.541	ug/L	98
50) 1,2-Dibromoethane	8.346	107	68428	5.202	ug/L	97
51) Chlorobenzene	8.876	112	310200	4.951	ug/L	99
52) Ethylbenzene	9.005	91	514758	4.879	ug/L	100
53) m,p-Xylene	9.130	106	204107	4.864	ug/L	100
54) o-Xylene	9.535	106	200883	5.036	ug/L	100
55) Styrene	9.555	104	340890	5.095	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	89547	5.426	ug/L	97
59) Bromoform	9.725	173	38458	4.356	ug/L	99
60) Isopropylbenzene	9.924	105	526793	5.011	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	58918	5.323	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	440921	4.951	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	444223	4.980	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	246502	4.991	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	242489	4.883	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	223227	5.030	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	9603	4.410	ug/L #	87
69) 1,3,5-Trichlorobenzene	12.635	180	171596	4.503	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	124250	4.311	ug/L	96
71) Naphthalene	13.493	128	150610	4.050	ug/L	98
72) 1,2,3-Trichlorobenzene	13.735	180	108452	4.442	ug/L	99

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

