

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029238.D
 Acq On : 20 Nov 2022 20:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005362

Quant Time: Nov 21 01:01:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	323403	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	295999	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	156919	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	108200	5.488	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.800%
7) Chloroethane-d5	1.568	69	84070	4.850	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.108	63	179721	5.002	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	3.896	46	189721	57.484	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.960%
24) Chloroform-d	4.343	84	191042	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.027	65	85161	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.047	84	399821	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.066	67	113504	4.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.310	98	363072	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.619	79	35487	4.410	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.085	63	172653	50.269	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.540%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	83277	4.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	129297	4.606	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	116534	4.323	ug/L	97
3) Chloromethane	1.240	50	110330	4.931	ug/L	99
5) Vinyl chloride	1.311	62	118959	4.661	ug/L	96
6) Bromomethane	1.523	94	68735	4.506	ug/L	96
8) Chloroethane	1.584	64	73779	4.920	ug/L	96
9) Trichlorofluoromethane	1.751	101	167770	4.875	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	94282	4.839	ug/L	99
12) 1,1-Dichloroethene	2.118	96	97156	4.963	ug/L	98
13) Acetone	2.188	43	110971	52.270	ug/L	97
14) Carbon disulfide	2.291	76	274424	3.947	ug/L	100
15) Methyl Acetate	2.439	43	26465	5.136	ug/L	95
16) Methylene chloride	2.503	84	113211	4.472	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	212848	5.071	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	106135	4.674	ug/L	98
19) 1,1-Dichloroethane	3.185	63	182859	4.926	ug/L	99
21) 2-Butanone	3.982	43	187697	57.104	ug/L	95
22) cis-1,2-Dichloroethene	3.909	96	116515	5.047	ug/L	97
23) Bromochloromethane	4.243	128	48670	4.985	ug/L	94
25) Chloroform	4.368	83	190843	4.904	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	100220	5.000	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	162186	4.669	ug/L	99
30) Cyclohexane	4.674	56	161086	4.563	ug/L	99
31) Carbon tetrachloride	4.825	117	135718	4.537	ug/L	100
33) Benzene	5.095	78	443191	4.900	ug/L	100
34) Trichloroethene	5.912	95	109875	4.745	ug/L	97
35) Methylcyclohexane	6.127	83	173719	4.269	ug/L	98
37) 1,2-Dichloropropane	6.169	63	100113	4.800	ug/L	100
38) Bromodichloromethane	6.506	83	122987	4.656	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	118308	4.063	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	488022	54.380	ug/L	97
42) Toluene	7.381	91	471906	4.829	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	100134	4.429	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	71930	5.268	ug/L	97
47) Tetrachloroethene	7.969	164	90081	4.858	ug/L	97
48) 2-Hexanone	8.137	43	350597	55.771	ug/L	99
49) Dibromochloromethane	8.240	129	75527	4.575	ug/L	100
50) 1,2-Dibromoethane	8.346	107	65847	5.191	ug/L	100
51) Chlorobenzene	8.876	112	302160	5.001	ug/L	100
52) Ethylbenzene	9.005	91	496798	4.883	ug/L	99
53) m,p-Xylene	9.133	106	194915	4.817	ug/L	98
54) o-Xylene	9.535	106	193175	5.023	ug/L	100
55) Styrene	9.555	104	327908	5.083	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	84778	5.327	ug/L	100
59) Bromoform	9.725	173	37448	4.378	ug/L	97
60) Isopropylbenzene	9.924	105	507567	4.983	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	58316	5.438	ug/L	100
62) 1,3,5-Trimethylbenzene	10.532	105	425197	4.928	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	426809	4.938	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	238715	4.988	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	234374	4.872	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	212235	4.936	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	9565	4.533	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.635	180	166845	4.519	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	124212	4.448	ug/L	97
71) Naphthalene	13.493	128	169274	4.698	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	111628	4.719	ug/L	98

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

