

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031623\
 Data File : VW030217.D
 Acq On : 16 Mar 2023 11:35
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005304

Quant Time: Mar 17 05:44:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 16 01:47:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	120008	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	112167	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66062	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	37293	4.803	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.535	69	32518	4.461	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.200%	
11) 1,1-Dichloroethene-d2	2.066	63	79929	5.007	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.200%	
20) 2-Butanone-d5	3.828	46	76583	53.493	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.980%	
24) Chloroform-d	4.259	84	77974	4.916	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	4.953	65	36808	5.684	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.600%	
32) Benzene-d6	4.969	84	140689	4.661	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	5.998	67	41885	4.613	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.252	98	137094	4.792	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
43) trans-1,3-Dichloroprop...	7.561	79	15444	4.972	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.400%	
46) 2-Hexanone-d5	8.034	63	59781	46.515	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.020%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	30533	4.727	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	11.570	152	48670	4.354	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	44124	4.519	ug/L	100
3) Chloromethane	1.217	50	63710	4.141	ug/L	97
5) Vinyl chloride	1.288	62	46417	4.539	ug/L	98
6) Bromomethane	1.494	94	10743	5.853	ug/L	95
8) Chloroethane	1.555	64	28464	4.569	ug/L	100
9) Trichlorofluoromethane	1.719	101	73394	5.003	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	41920	4.607	ug/L	96
12) 1,1-Dichloroethene	2.076	96	36323	4.510	ug/L	86
13) Acetone	2.153	43	62087	58.675	ug/L #	64
14) Carbon disulfide	2.246	76	85994	3.991	ug/L	98
15) Methyl Acetate	2.391	43	13866	5.611	ug/L	92
16) Methylene chloride	2.455	84	56581	5.751	ug/L	89
17) Methyl tert-butyl Ether	2.712	73	76804	4.877	ug/L #	93
18) trans-1,2-Dichloroethene	2.703	96	33254	4.340	ug/L	94
19) 1,1-Dichloroethane	3.121	63	71070	4.980	ug/L	99
21) 2-Butanone	3.911	43	79566	55.911	ug/L	84
22) cis-1,2-Dichloroethene	3.825	96	38604	4.559	ug/L	98
23) Bromochloromethane	4.156	128	17086	4.722	ug/L	95
25) Chloroform	4.288	83	76698	5.166	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	44633	5.747	ug/L	95
29) 1,1,1-Trichloroethane	4.522	97	69112	5.245	ug/L	95
30) Cyclohexane	4.593	56	52579	4.618	ug/L	92
31) Carbon tetrachloride	4.744	117	61510	5.194	ug/L	99
33) Benzene	5.021	78	149888	4.893	ug/L	100
34) Trichloroethene	5.841	95	38537	4.490	ug/L	96
35) Methylcyclohexane	6.059	83	56330	4.336	ug/L	92
37) 1,2-Dichloropropane	6.101	63	38252	4.908	ug/L	99
38) Bromodichloromethane	6.442	83	53127	5.340	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	55694	4.882	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	209616	65.181	ug/L #	90
42) Toluene	7.323	91	165693	4.994	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	44593	5.007	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	25936	4.651	ug/L	97
47) Tetrachloroethene	7.911	164	32565	4.420	ug/L	98
48) 2-Hexanone	8.085	43	143586	62.368	ug/L	90
49) Dibromochloromethane	8.185	129	32016	4.906	ug/L	99
50) 1,2-Dibromoethane	8.291	107	23077	4.435	ug/L	92
51) Chlorobenzene	8.821	112	103486	4.625	ug/L	99
52) Ethylbenzene	8.953	91	171211	4.742	ug/L	99
53) m,p-Xylene	9.082	106	65985	4.755	ug/L	99
54) o-Xylene	9.487	106	63134	4.763	ug/L	95
55) Styrene	9.503	104	113779	5.161	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	31131	4.991	ug/L	99
59) Bromoform	9.673	173	19355	4.888	ug/L	97
60) Isopropylbenzene	9.876	105	180485	4.748	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	21484	4.859	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	145874	4.672	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	151321	4.738	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	92450	4.671	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	91970	4.606	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	83491	4.777	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	5202	5.268	ug/L	89
69) 1,3,5-Trichlorobenzene	12.593	180	72034	4.427	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	54592	4.142	ug/L	99
71) Naphthalene	13.448	128	73958	4.294	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	45857	4.226	ug/L	99

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

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