

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051523\
 Data File : VW031031.D
 Acq On : 15 May 2023 17:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

Quant Time: May 16 00:16:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 16 00:10:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	140028	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	135259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	79992	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	46288	4.012	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.535	69	43783	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.063	65	24797	4.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.822	46	106049	51.837	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.680%
24) Chloroform-d	4.259	84	109123	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.953	65	56733	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	4.969	84	183492	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	5.998	67	52429	4.548	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.249	98	179446	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.561	79	20549	4.755	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.034	63	77584	51.241	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.480%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	44019	5.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	67322	4.515	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	45878	4.147	ug/L	100
3) Chloromethane	1.217	50	50687	3.904	ug/L	100
5) Vinyl chloride	1.285	62	47873	4.406	ug/L	100
6) Bromomethane	1.490	94	20974	4.053	ug/L	94
8) Chloroethane	1.555	64	28460	4.303	ug/L	93
9) Trichlorofluoromethane	1.719	101	92586	4.619	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	46909	4.584	ug/L	97
12) 1,1-Dichloroethene	2.072	96	41318	4.384	ug/L	100
13) Acetone	2.146	43	73225	41.902	ug/L	86
14) Carbon disulfide	2.246	76	88114	3.574	ug/L	99
15) Methyl Acetate	2.394	43	13666	3.844	ug/L #	81
16) Methylene chloride	2.455	84	41978	3.938	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	90399	5.039	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	37475	4.354	ug/L	99
19) 1,1-Dichloroethane	3.121	63	79254	4.768	ug/L	100
21) 2-Butanone	3.902	43	88490	46.042	ug/L	91
22) cis-1,2-Dichloroethene	3.825	96	41526	4.572	ug/L	95
23) Bromochloromethane	4.159	128	20772	4.858	ug/L	97
25) Chloroform	4.285	83	90079	5.051	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	57047	5.097	ug/L	99
29) 1,1,1-Trichloroethane	4.519	97	81289	4.783	ug/L	98
30) Cyclohexane	4.593	56	51360	4.001	ug/L	99
31) Carbon tetrachloride	4.744	117	73960	4.845	ug/L	99
33) Benzene	5.021	78	161580	4.749	ug/L	100
34) Trichloroethene	5.841	95	46068	5.080	ug/L	98
35) Methylcyclohexane	6.059	83	57505	4.091	ug/L	98
37) 1,2-Dichloropropane	6.101	63	40256	4.988	ug/L #	96
38) Bromodichloromethane	6.439	83	60661	5.136	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	58725	4.858	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	239270	57.223	ug/L	97
42) Toluene	7.323	91	182646	4.986	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	50090	4.864	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	31208	5.212	ug/L	96
47) Tetrachloroethene	7.911	164	38569	4.458	ug/L	95
48) 2-Hexanone	8.085	43	184797	57.622	ug/L	99
49) Dibromochloromethane	8.185	129	41610	5.524	ug/L	96
50) 1,2-Dibromoethane	8.291	107	29043	5.438	ug/L #	98
51) Chlorobenzene	8.821	112	116529	4.692	ug/L	100
52) Ethylbenzene	8.953	91	186010	4.658	ug/L	97
53) m,p-Xylene	9.079	106	72452	4.546	ug/L	95
54) o-Xylene	9.484	106	71698	4.727	ug/L	97
55) Styrene	9.503	104	121626	4.752	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	37045	5.535	ug/L	99
59) Bromoform	9.673	173	25241	5.361	ug/L	99
60) Isopropylbenzene	9.873	105	192905	4.473	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	25534	5.081	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	153710	4.378	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	152064	4.275	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	101789	4.596	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	100797	4.511	ug/L	96
67) 1,2-Dichlorobenzene	11.587	146	93918	4.716	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	5966	4.678	ug/L #	91
69) 1,3,5-Trichlorobenzene	12.590	180	75294	4.293	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	56823	4.216	ug/L	99
71) Naphthalene	13.448	128	72858	3.770	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	49306	4.322	ug/L	99

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

