

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032923\
 Data File : VW030344.D
 Acq On : 29 Mar 2023 22:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

Quant Time: Mar 30 02:17:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 30 01:55:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	146713	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	143775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	82033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	42807	4.405	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.536	69	43609	4.625	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.066	63	105599	4.580	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.818	46	138899	55.305	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.600%
24) Chloroform-d	4.262	84	116442	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	4.953	65	57309	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	4.973	84	201624	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	5.998	67	64954	5.121	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.252	98	187564	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	7.561	79	22364	4.683	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.034	63	103624	53.999	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.000%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	49978	4.999	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.571	152	71239	4.859	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	87469	4.690	ug/L	98
3) Chloromethane	1.217	50	110544	4.697	ug/L	99
5) Vinyl chloride	1.285	62	83724	4.880	ug/L	100
6) Bromomethane	1.494	94	25191	5.148	ug/L	100
8) Chloroethane	1.555	64	48141	4.898	ug/L	97
9) Trichlorofluoromethane	1.719	101	123373	4.933	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	64898	4.701	ug/L	98
12) 1,1-Dichloroethene	2.076	96	61000	4.976	ug/L	89
13) Acetone	2.150	43	93679	39.006	ug/L	80
14) Carbon disulfide	2.246	76	195345	4.838	ug/L	99
15) Methyl Acetate	2.391	43	21738	5.065	ug/L	96
16) Methylene chloride	2.455	84	69593	4.800	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	127762	4.921	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	62100	4.809	ug/L	98
19) 1,1-Dichloroethane	3.121	63	123942	4.951	ug/L	98
21) 2-Butanone	3.899	43	145666	48.189	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	65824	5.079	ug/L	99
23) Bromochloromethane	4.159	128	29746	4.914	ug/L	95
25) Chloroform	4.288	83	124287	4.913	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	78701	5.145	ug/L	96
29) 1,1,1-Trichloroethane	4.523	97	115018	4.977	ug/L	99
30) Cyclohexane	4.593	56	104033	4.942	ug/L	99
31) Carbon tetrachloride	4.744	117	103201	4.922	ug/L	100
33) Benzene	5.021	78	259992	5.091	ug/L	100
34) Trichloroethene	5.841	95	67249	4.883	ug/L	99
35) Methylcyclohexane	6.059	83	101585	4.699	ug/L	99
37) 1,2-Dichloropropane	6.101	63	65888	5.026	ug/L	100
38) Bromodichloromethane	6.442	83	86585	5.043	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	85323	4.628	ug/L	96
40) 4-Methyl-2-pentanone	7.169	43	360524	52.187	ug/L	99
42) Toluene	7.323	91	284692	5.234	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	72699	4.635	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	45494	4.928	ug/L	99
47) Tetrachloroethene	7.915	164	58746	4.833	ug/L	96
48) 2-Hexanone	8.085	43	261194	50.484	ug/L	98
49) Dibromochloromethane	8.185	129	52159	4.747	ug/L	97
50) 1,2-Dibromoethane	8.291	107	40803	4.859	ug/L	93
51) Chlorobenzene	8.821	112	173993	4.996	ug/L	98
52) Ethylbenzene	8.953	91	295390	4.964	ug/L	98
53) m,p-Xylene	9.082	106	113157	4.967	ug/L	97
54) o-Xylene	9.487	106	108789	4.991	ug/L	99
55) Styrene	9.503	104	192404	5.197	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	51876	4.735	ug/L	98
59) Bromoform	9.673	173	30942	4.667	ug/L	100
60) Isopropylbenzene	9.876	105	300116	4.961	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	36650	4.997	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	239890	4.860	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	252857	5.026	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	152777	5.064	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	153211	5.041	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	137885	5.072	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	8489	4.653	ug/L	94
69) 1,3,5-Trichlorobenzene	12.593	180	114411	4.926	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	87421	4.875	ug/L	99
71) Naphthalene	13.448	128	118982	4.645	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	74627	4.803	ug/L	98

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

