

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100423\
 Data File : VW032242.D
 Acq On : 04 Oct 2023 20:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005387

Quant Time: Oct 05 01:45:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	98405	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	99792	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52418	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36298	4.535	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.532	69	31738	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.060	65	15010	4.447	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	3.802	46	101703	50.235	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.480%
24) Chloroform-d	4.256	84	69917	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	4.947	65	33909	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	4.963	84	134277	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	5.995	67	43181	4.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.246	98	123125	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.558	79	15434	4.477	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.031	63	78623	48.471	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.940%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33732	4.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	44891	4.615	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	54559	4.975	ug/L	100
3) Chloromethane	1.217	50	54289	4.911	ug/L	99
5) Vinyl chloride	1.282	62	52434	4.973	ug/L	100
6) Bromomethane	1.487	94	30506	4.790	ug/L	99
8) Chloroethane	1.548	64	31602	4.979	ug/L	97
9) Trichlorofluoromethane	1.712	101	64520	5.103	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	38506	5.026	ug/L	99
12) 1,1-Dichloroethene	2.069	96	35524	4.922	ug/L	95
13) Acetone	2.130	43	68579	43.949	ug/L	97
14) Carbon disulfide	2.240	76	117919	4.674	ug/L	99
15) Methyl Acetate	2.384	43	16811	4.786	ug/L	96
16) Methylene chloride	2.449	84	43959	4.672	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	93794	4.774	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	39306	4.755	ug/L	100
19) 1,1-Dichloroethane	3.114	63	75530	4.857	ug/L	99
21) 2-Butanone	3.886	43	112094	45.937	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	43153	4.848	ug/L	96
23) Bromochloromethane	4.153	128	18678	4.988	ug/L	98
25) Chloroform	4.281	83	73898	4.843	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	44413	4.927	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	61650	4.544	ug/L	97
30) Cyclohexane	4.587	56	63211	4.240	ug/L	100
31) Carbon tetrachloride	4.738	117	53810	4.687	ug/L	99
33) Benzene	5.015	78	163350	4.649	ug/L	100
34) Trichloroethene	5.838	95	46842	4.884	ug/L	98
35) Methylcyclohexane	6.053	83	66150	4.457	ug/L	96
37) 1,2-Dichloropropane	6.098	63	44109	4.694	ug/L	99
38) Bromodichloromethane	6.439	83	52780	4.727	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	60836	4.550	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	281652	47.367	ug/L	98
42) Toluene	7.320	91	172149	4.596	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	48816	4.442	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	30451	4.594	ug/L	99
47) Tetrachloroethene	7.908	164	31926	4.389	ug/L	96
48) 2-Hexanone	8.082	43	197174	46.999	ug/L	98
49) Dibromochloromethane	8.182	129	32508	4.711	ug/L	99
50) 1,2-Dibromoethane	8.288	107	29575	4.717	ug/L	95
51) Chlorobenzene	8.818	112	109585	4.544	ug/L	99
52) Ethylbenzene	8.950	91	185754	4.454	ug/L	98
53) m,p-Xylene	9.075	106	70026	4.527	ug/L	97
54) o-Xylene	9.484	106	68993	4.629	ug/L	95
55) Styrene	9.500	104	119342	4.741	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.182	83	33908	4.649	ug/L	97
59) Bromoform	9.670	173	17623	4.623	ug/L	100
60) Isopropylbenzene	9.870	105	184322	4.525	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	26234	4.702	ug/L	100
62) 1,3,5-Trimethylbenzene	10.481	105	147898	4.454	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	148111	4.481	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	86561	4.448	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	88953	4.556	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	80637	4.543	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	5024	4.407	ug/L	99
69) 1,3,5-Trichlorobenzene	12.587	180	61503	4.315	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	53054	4.197	ug/L	98
71) Naphthalene	13.442	128	86192	4.014	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	47935	4.401	ug/L	99

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

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