

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012523\
 Data File : VW029956.D
 Acq On : 25 Jan 2023 20:39
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005393

Quant Time: Jan 25 22:17:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 25 22:12:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	241184	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	233833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	130406	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	104937	5.736	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.800%
7) Chloroethane-d5	1.564	69	95655	6.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.200%
11) 1,1-Dichloroethene-d2	2.105	63	183749	5.510	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.200%
20) 2-Butanone-d5	3.886	46	179207	55.270	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.540%
24) Chloroform-d	4.339	84	174799	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.024	65	74582	5.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.043	84	359453	5.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.059	67	109694	5.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.307	98	333310	5.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	7.612	79	32567	4.393	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.085	63	155560	51.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.080%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	79061	5.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	111949	4.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	101178	4.507	ug/L	99
3) Chloromethane	1.240	50	114704	4.855	ug/L	99
5) Vinyl chloride	1.310	62	126544	5.463	ug/L	99
6) Bromomethane	1.519	94	49658	4.403	ug/L	99
8) Chloroethane	1.584	64	82679	5.882	ug/L	98
9) Trichlorofluoromethane	1.751	101	148509	4.894	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	91328	5.109	ug/L	95
12) 1,1-Dichloroethene	2.114	96	89521	4.347	ug/L #	77
13) Acetone	2.179	43	127671	55.168	ug/L	94
14) Carbon disulfide	2.291	76	248879	4.198	ug/L	100
15) Methyl Acetate	2.433	43	28307	4.697	ug/L	98
16) Methylene chloride	2.500	84	119714	4.679	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	170474	4.787	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	90521	4.728	ug/L	93
19) 1,1-Dichloroethane	3.182	63	174022	5.434	ug/L	98
21) 2-Butanone	3.969	43	186965	56.394	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	94232	4.619	ug/L	88
23) Bromochloromethane	4.240	128	41735	4.954	ug/L #	80
25) Chloroform	4.365	83	170735	4.904	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	89569	5.296	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	141716	4.667	ug/L	97
30) Cyclohexane	4.670	56	136006	4.731	ug/L	95
31) Carbon tetrachloride	4.822	117	119742	4.532	ug/L	99
33) Benzene	5.092	78	391787	5.068	ug/L	100
34) Trichloroethene	5.908	95	90663	4.627	ug/L	98
35) Methylcyclohexane	6.124	83	146353	4.424	ug/L	96
37) 1,2-Dichloropropane	6.166	63	100131	5.531	ug/L	99
38) Bromodichloromethane	6.500	83	117044	4.998	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	115165	4.743	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	454893	58.875	ug/L	95
42) Toluene	7.378	91	414431	4.970	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	92117	4.708	ug/L	97
45) 1,1,2-Trichloroethane	7.831	97	64313	4.930	ug/L	95
47) Tetrachloroethene	7.966	164	74576	4.521	ug/L	100
48) 2-Hexanone	8.133	43	337820	61.171	ug/L	95
49) Dibromochloromethane	8.236	129	71844	4.693	ug/L	98
50) 1,2-Dibromoethane	8.342	107	56981	5.032	ug/L	99
51) Chlorobenzene	8.873	112	253202	4.782	ug/L	100
52) Ethylbenzene	9.001	91	410562	4.705	ug/L	98
53) m,p-Xylene	9.130	106	161824	4.685	ug/L	100
54) o-Xylene	9.532	106	152297	4.646	ug/L	100
55) Styrene	9.551	104	277768	4.927	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	80782	5.575	ug/L	97
59) Bromoform	9.722	173	36613	4.335	ug/L	100
60) Isopropylbenzene	9.921	105	409530	4.913	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	53125	5.502	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	326887	4.576	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	333864	4.687	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	202831	4.792	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	202132	4.790	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	185569	4.877	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	10819	4.738	ug/L	91
69) 1,3,5-Trichlorobenzene	12.632	180	154512	4.535	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	118399	4.447	ug/L	99
71) Naphthalene	13.490	128	152365	4.417	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	101982	4.615	ug/L	98

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

