

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029866.D
 Acq On : 16 Jan 2023 10:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005386

Quant Time: Jan 17 00:37:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	211789	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	201740	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	114399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71435	4.447	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.564	69	65185	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.105	63	140411	4.795	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.889	46	146157	51.333	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.660%
24) Chloroform-d	4.336	84	155206	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.021	65	65058	5.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.040	84	317624	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.059	67	90673	5.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.304	98	291372	5.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	7.612	79	31419	4.912	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.082	63	139872	53.714	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.420%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	69292	5.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	104669	5.033	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	104767	5.315	ug/L	98
3) Chloromethane	1.240	50	104891	5.056	ug/L	99
5) Vinyl chloride	1.307	62	115138	5.660	ug/L	99
6) Bromomethane	1.519	94	47342	4.780	ug/L	98
8) Chloroethane	1.580	64	68968	5.588	ug/L	100
9) Trichlorofluoromethane	1.751	101	148912	5.589	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	87238	5.558	ug/L	99
12) 1,1-Dichloroethene	2.114	96	86202	4.767	ug/L	96
13) Acetone	2.182	43	107033	52.669	ug/L	92
14) Carbon disulfide	2.288	76	265122	5.092	ug/L	100
15) Methyl Acetate	2.436	43	23700	4.478	ug/L	100
16) Methylene chloride	2.500	84	93932	4.181	ug/L	97
17) Methyl tert-butyl Ether	2.761	73	167697	5.363	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	91571	5.447	ug/L	95
19) 1,1-Dichloroethane	3.179	63	160104	5.693	ug/L	99
21) 2-Butanone	3.969	43	155221	53.317	ug/L	95
22) cis-1,2-Dichloroethene	3.899	96	97309	5.432	ug/L	100
23) Bromochloromethane	4.236	128	40072	5.417	ug/L	89
25) Chloroform	4.362	83	163871	5.361	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	80714	5.434	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	145502	5.554	ug/L	99
30) Cyclohexane	4.667	56	141457	5.704	ug/L	99
31) Carbon tetrachloride	4.815	117	124649	5.469	ug/L	100
33) Benzene	5.088	78	385468	5.779	ug/L	100
34) Trichloroethene	5.902	95	95135	5.628	ug/L	98
35) Methylcyclohexane	6.120	83	158367	5.549	ug/L	99
37) 1,2-Dichloropropane	6.162	63	90131	5.770	ug/L	99
38) Bromodichloromethane	6.497	83	107957	5.344	ug/L	96
39) cis-1,3-Dichloropropene	7.018	75	109089	5.208	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	371832	55.781	ug/L	99
42) Toluene	7.378	91	409497	5.692	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	87527	5.185	ug/L	97
45) 1,1,2-Trichloroethane	7.828	97	61276	5.445	ug/L	98
47) Tetrachloroethene	7.963	164	80266	5.640	ug/L	98
48) 2-Hexanone	8.133	43	275819	57.890	ug/L	99
49) Dibromochloromethane	8.236	129	69012	5.225	ug/L	98
50) 1,2-Dibromoethane	8.342	107	54227	5.551	ug/L	98
51) Chlorobenzene	8.870	112	254341	5.568	ug/L	99
52) Ethylbenzene	9.001	91	419834	5.576	ug/L	99
53) m,p-Xylene	9.127	106	168770	5.663	ug/L	99
54) o-Xylene	9.532	106	158965	5.620	ug/L	100
55) Styrene	9.548	104	281862	5.794	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	69341	5.547	ug/L	99
59) Bromoform	9.718	173	35618	4.807	ug/L	99
60) Isopropylbenzene	9.921	105	423806	5.796	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	47098	5.560	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	341898	5.456	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	347745	5.565	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	207041	5.576	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	204739	5.531	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	182899	5.479	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	9393	4.689	ug/L	95
69) 1,3,5-Trichlorobenzene	12.632	180	157928	5.284	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	123323	5.280	ug/L	99
71) Naphthalene	13.490	128	152638	5.044	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	101189	5.220	ug/L	99

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

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