

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012423\
 Data File : VW029923.D
 Acq On : 24 Jan 2023 15:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005390

Quant Time: Jan 25 00:41:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 24 01:33:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	187097	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	184861	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	115927	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	61931	4.364	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.564	69	61918	5.263	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.105	63	122894	4.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	3.883	46	157020	62.427	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.860%
24) Chloroform-d	4.333	84	130534	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.018	65	54853	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.037	84	244729	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.056	67	81112	5.054	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.304	98	212868	4.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.612	79	24859	4.241	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.082	63	134170	56.228	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.460%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	65391	5.560	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	83460	3.960	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	82932	4.763	ug/L	99
3) Chloromethane	1.240	50	91647	5.001	ug/L	99
5) Vinyl chloride	1.307	62	101845	5.667	ug/L	100
6) Bromomethane	1.519	94	40910	4.676	ug/L	97
8) Chloroethane	1.581	64	66218	6.073	ug/L	98
9) Trichlorofluoromethane	1.748	101	122756	5.215	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	75590	5.451	ug/L	94
12) 1,1-Dichloroethene	2.114	96	73738	4.616	ug/L	91
13) Acetone	2.175	43	112429	62.626	ug/L	94
14) Carbon disulfide	2.288	76	215347	4.682	ug/L	100
15) Methyl Acetate	2.433	43	23176	4.957	ug/L	96
16) Methylene chloride	2.497	84	86047	4.336	ug/L	90
17) Methyl tert-butyl Ether	2.761	73	140305	5.079	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	75604	5.091	ug/L	92
19) 1,1-Dichloroethane	3.179	63	140547	5.657	ug/L	98
21) 2-Butanone	3.966	43	148699	57.818	ug/L	100
22) cis-1,2-Dichloroethene	3.896	96	78809	4.980	ug/L	87
23) Bromochloromethane	4.233	128	32757	5.013	ug/L	82
25) Chloroform	4.359	83	138023	5.111	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	71216	5.428	ug/L	98
29) 1,1,1-Trichloroethane	4.593	97	115647	4.818	ug/L	97
30) Cyclohexane	4.664	56	116715	5.136	ug/L	94
31) Carbon tetrachloride	4.815	117	97550	4.670	ug/L	100
33) Benzene	5.085	78	315677	5.165	ug/L	100
34) Trichloroethene	5.902	95	77156	4.981	ug/L	96
35) Methylcyclohexane	6.121	83	126168	4.825	ug/L	96
37) 1,2-Dichloropropane	6.159	63	76433	5.340	ug/L	99
38) Bromodichloromethane	6.497	83	93278	5.039	ug/L	96
39) cis-1,3-Dichloropropene	7.018	75	92075	4.797	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	347908	56.957	ug/L	95
42) Toluene	7.375	91	332835	5.049	ug/L	99
44) trans-1,3-Dichloropropene	7.638	75	73382	4.744	ug/L	97
45) 1,1,2-Trichloroethane	7.828	97	50660	4.912	ug/L	97
47) Tetrachloroethene	7.963	164	62998	4.831	ug/L	98
48) 2-Hexanone	8.133	43	261442	59.882	ug/L	97
49) Dibromochloromethane	8.233	129	56984	4.708	ug/L	99
50) 1,2-Dibromoethane	8.342	107	44462	4.967	ug/L	97
51) Chlorobenzene	8.870	112	207205	4.950	ug/L	99
52) Ethylbenzene	9.001	91	331854	4.810	ug/L	99
53) m,p-Xylene	9.127	106	129319	4.736	ug/L	99
54) o-Xylene	9.532	106	123479	4.764	ug/L	99
55) Styrene	9.548	104	220807	4.954	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	61891	5.403	ug/L	97
59) Bromoform	9.718	173	29231	3.893	ug/L	98
60) Isopropylbenzene	9.918	105	332118	4.482	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	40792	4.752	ug/L	97
62) 1,3,5-Trimethylbenzene	10.525	105	270142	4.254	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	272969	4.311	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	171070	4.546	ug/L	100
65) 1,4-Dichlorobenzene	11.259	146	169130	4.509	ug/L	99
67) 1,2-Dichlorobenzene	11.628	146	149133	4.409	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.413	75	8481	4.178	ug/L	87
69) 1,3,5-Trichlorobenzene	12.632	180	133145	4.396	ug/L	100
70) 1,2,4-trichlorobenzene	13.246	180	103772	4.385	ug/L	100
71) Naphthalene	13.490	128	134557	4.388	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	86627	4.410	ug/L	99

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

