

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012423\
 Data File : VW029933.D
 Acq On : 24 Jan 2023 19:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005391

Quant Time: Jan 25 00:47:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 25 00:44:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	186823	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	183860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	115287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	60806	4.291	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.564	69	59717	5.084	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.108	63	120608	4.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	3.889	46	165628	65.946	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.900%#
24) Chloroform-d	4.339	84	128532	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.024	65	54428	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.043	84	241765	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.063	67	79404	4.975	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.307	98	210139	4.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.616	79	22713	3.896	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.085	63	140269	59.104	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.200%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	64363	5.503	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	83318	3.975	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	80909	4.653	ug/L	99
3) Chloromethane	1.240	50	92825	5.073	ug/L	99
5) Vinyl chloride	1.307	62	102322	5.702	ug/L	100
6) Bromomethane	1.519	94	44932	5.143	ug/L	99
8) Chloroethane	1.584	64	64298	5.906	ug/L	99
9) Trichlorofluoromethane	1.751	101	119178	5.071	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	74109	5.352	ug/L	95
12) 1,1-Dichloroethene	2.114	96	72265	4.530	ug/L	89
13) Acetone	2.178	43	101046	56.368	ug/L	95
14) Carbon disulfide	2.291	76	209484	4.561	ug/L	99
15) Methyl Acetate	2.436	43	23885	5.116	ug/L	91
16) Methylene chloride	2.500	84	89296	4.506	ug/L	90
17) Methyl tert-butyl Ether	2.764	73	141942	5.146	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	74494	5.024	ug/L	91
19) 1,1-Dichloroethane	3.182	63	142026	5.725	ug/L	98
21) 2-Butanone	3.973	43	147310	57.362	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	78260	4.953	ug/L	92
23) Bromochloromethane	4.239	128	34263	5.251	ug/L	88
25) Chloroform	4.365	83	141119	5.233	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	71397	5.450	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	116764	4.891	ug/L	96
30) Cyclohexane	4.667	56	114093	5.048	ug/L	96
31) Carbon tetrachloride	4.818	117	95577	4.601	ug/L	98
33) Benzene	5.092	78	316223	5.202	ug/L	100
34) Trichloroethene	5.908	95	75526	4.903	ug/L	97
35) Methylcyclohexane	6.120	83	120514	4.634	ug/L	95
37) 1,2-Dichloropropane	6.165	63	78584	5.520	ug/L	98
38) Bromodichloromethane	6.500	83	92604	5.030	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	91709	4.804	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	359352	59.151	ug/L	95
42) Toluene	7.381	91	330931	5.047	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	72910	4.739	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	50819	4.955	ug/L	95
47) Tetrachloroethene	7.966	164	62713	4.835	ug/L	97
48) 2-Hexanone	8.136	43	265802	61.212	ug/L	94
49) Dibromochloromethane	8.236	129	56346	4.681	ug/L	99
50) 1,2-Dibromoethane	8.342	107	44822	5.034	ug/L	99
51) Chlorobenzene	8.873	112	204174	4.905	ug/L	99
52) Ethylbenzene	9.001	91	333504	4.860	ug/L	99
53) m,p-Xylene	9.130	106	128352	4.726	ug/L	99
54) o-Xylene	9.532	106	125482	4.868	ug/L	98
55) Styrene	9.551	104	218113	4.920	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	63094	5.538	ug/L	97
59) Bromoform	9.722	173	27933	3.741	ug/L	98
60) Isopropylbenzene	9.921	105	330955	4.491	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	41906	4.909	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	266196	4.215	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	269943	4.287	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	167915	4.487	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	166154	4.454	ug/L	97
67) 1,2-Dichlorobenzene	11.631	146	153705	4.569	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	8633	4.276	ug/L	94
69) 1,3,5-Trichlorobenzene	12.631	180	125182	4.156	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	101185	4.299	ug/L	98
71) Naphthalene	13.490	128	138301	4.535	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	84664	4.334	ug/L	98

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

