

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030123\
 Data File : VW030102.D
 Acq On : 01 Mar 2023 11:35
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005288

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/03/2023
 Supervised By :Mahesh Dadoda 03/03/2023

Quant Time: Mar 02 00:24:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 01 00:04:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	162399	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	153829	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	90513	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	49635	4.723	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.535	69	49642	5.033	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.066	63	110029	5.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.800%
20) 2-Butanone-d5	3.850	46	102367	52.838	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.680%
24) Chloroform-d	4.262	84	111837	5.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	4.953	65	46505	5.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	4.969	84	208822	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	5.998	67	64688	5.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.249	98	197616	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	7.561	79	22004	5.165	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.037	63	98431	55.845	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.700%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	48740	5.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	75100	4.904	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	68228	5.164	ug/L	99
3) Chloromethane	1.217	50	97523	4.684	ug/L	100
5) Vinyl chloride	1.285	62	70998	5.131	ug/L	100
6) Bromomethane	1.490	94	13129	5.286	ug/L	100
8) Chloroethane	1.555	64	43800	5.195	ug/L	99
9) Trichlorofluoromethane	1.719	101	101696	5.122	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	62810	5.101	ug/L	98
12) 1,1-Dichloroethene	2.076	96	56327	5.168	ug/L	97
13) Acetone	2.178	43	64472m	45.025	ug/L	
14) Carbon disulfide	2.246	76	148908	5.106	ug/L	98
15) Methyl Acetate	2.397	43	16723	5.000	ug/L	98
16) Methylene chloride	2.455	84	59983	4.505	ug/L	100
17) Methyl tert-butyl Ether	2.715	73	111080	5.212	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	54312	5.239	ug/L	99
19) 1,1-Dichloroethane	3.121	63	102360	5.300	ug/L	99
21) 2-Butanone	3.928	43	101843m	52.884	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	56658	4.944	ug/L	98
23) Bromochloromethane	4.162	128	26074	5.325	ug/L	96
25) Chloroform	4.288	83	106124	5.282	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	55436	5.275	ug/L	99
29) 1,1,1-Trichloroethane	4.522	97	95261	5.272	ug/L	100
30) Cyclohexane	4.593	56	77919	4.990	ug/L	99
31) Carbon tetrachloride	4.744	117	83284	5.128	ug/L	96
33) Benzene	5.021	78	222019	5.285	ug/L	100
34) Trichloroethene	5.841	95	59682	5.070	ug/L	98
35) Methylcyclohexane	6.059	83	87611	4.917	ug/L	98
37) 1,2-Dichloropropane	6.104	63	55878	5.228	ug/L	100
38) Bromodichloromethane	6.442	83	74396	5.453	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	82073	5.246	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	248696	56.389	ug/L	99
42) Toluene	7.323	91	244846	5.381	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	66744	5.465	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	41495	5.426	ug/L	99
47) Tetrachloroethene	7.911	164	52128	5.159	ug/L	98
48) 2-Hexanone	8.088	43	172651	54.682	ug/L	99
49) Dibromochloromethane	8.185	129	49374	5.517	ug/L	97
50) 1,2-Dibromoethane	8.291	107	38475	5.392	ug/L	97
51) Chlorobenzene	8.821	112	159057	5.183	ug/L	99
52) Ethylbenzene	8.953	91	258674	5.224	ug/L	100
53) m,p-Xylene	9.082	106	100313	5.271	ug/L	99
54) o-Xylene	9.487	106	95505	5.254	ug/L	99
55) Styrene	9.503	104	164642	5.446	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	48583	5.679	ug/L	97
59) Bromoform	9.673	173	29226	5.387	ug/L	100
60) Isopropylbenzene	9.876	105	265190	5.092	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	32026	5.287	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	214729	5.019	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	224435	5.129	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	139076	5.129	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	137290	5.018	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	123058	5.139	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	7362	5.441	ug/L	90
69) 1,3,5-Trichlorobenzene	12.593	180	108858	4.883	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	86642	4.798	ug/L	99
71) Naphthalene	13.448	128	114012	4.831	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	72876	4.902	ug/L	99

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

