

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012323\
 Data File : VW029921.D
 Acq On : 23 Jan 2023 22:54
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005389

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/26/2023

Quant Time: Jan 24 01:38:06 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	5.609	114	166076	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	165394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	101888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	62951	4.997	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.564	69	59898	5.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.800%
11) 1,1-Dichloroethene-d2	2.108	63	120895	5.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.200%
20) 2-Butanone-d5	3.899	46	122457	54.848	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.700%
24) Chloroform-d	4.339	84	118617	5.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.024	65	51099	5.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.043	84	224955	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.063	67	71898	5.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.307	98	202036	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.612	79	19434	3.706	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.085	63	101650	47.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.220%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	57606	5.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	75638	4.083	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	81653	5.283	ug/L	98
3) Chloromethane	1.240	50	93559	5.751	ug/L	98
5) Vinyl chloride	1.307	62	102635	6.434	ug/L	98
6) Bromomethane	1.519	94	39586	5.097	ug/L	99
8) Chloroethane	1.584	64	60611m	6.262	ug/L	
9) Trichlorofluoromethane	1.751	101	121115	5.797	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	70169	5.701	ug/L	95
12) 1,1-Dichloroethene	2.114	96	72003	5.077	ug/L	89
13) Acetone	2.185	43	96354	60.465	ug/L	99
14) Carbon disulfide	2.291	76	212511	5.205	ug/L	100
15) Methyl Acetate	2.439	43	23766	5.727	ug/L	95
16) Methylene chloride	2.500	84	93596	5.313	ug/L	90
17) Methyl tert-butyl Ether	2.767	73	131551	5.365	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	71843	5.450	ug/L	92
19) 1,1-Dichloroethane	3.182	63	137532	6.237	ug/L	98
21) 2-Butanone	3.982	43	137832	60.376	ug/L	93
22) cis-1,2-Dichloroethene	3.905	96	73053	5.201	ug/L	95
23) Bromochloromethane	4.243	128	33715	5.812	ug/L #	84
25) Chloroform	4.365	83	136146	5.680	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	70249	6.032	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	114092	5.313	ug/L	97
30) Cyclohexane	4.670	56	103909	5.111	ug/L	96
31) Carbon tetrachloride	4.818	117	95917	5.133	ug/L	99
33) Benzene	5.092	78	307863	5.630	ug/L	100
34) Trichloroethene	5.908	95	71747	5.177	ug/L	96
35) Methylcyclohexane	6.124	83	111653	4.772	ug/L	94
37) 1,2-Dichloropropane	6.166	63	76278	5.956	ug/L	98
38) Bromodichloromethane	6.503	83	92114	5.561	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	80588	4.693	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	339794	62.177	ug/L	95
42) Toluene	7.378	91	322337	5.465	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	64343	4.649	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	50650	5.490	ug/L	98
47) Tetrachloroethene	7.966	164	59047	5.061	ug/L	99
48) 2-Hexanone	8.137	43	247688	63.409	ug/L	94
49) Dibromochloromethane	8.236	129	56121	5.183	ug/L	100
50) 1,2-Dibromoethane	8.342	107	43615	5.446	ug/L	99
51) Chlorobenzene	8.873	112	189179	5.052	ug/L	100
52) Ethylbenzene	9.001	91	298298	4.833	ug/L	99
53) m,p-Xylene	9.130	106	118589	4.854	ug/L	98
54) o-Xylene	9.532	106	115178	4.967	ug/L	98
55) Styrene	9.551	104	205053	5.142	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.230	83	64243	6.268	ug/L	96
59) Bromoform	9.722	173	28326	4.292	ug/L	98
60) Isopropylbenzene	9.921	105	310509	4.768	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	41729	5.531	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	246587	4.418	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	251711	4.523	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	162815	4.923	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	160824	4.878	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	148520	4.995	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	8587	4.813	ug/L	86
69) 1,3,5-Trichlorobenzene	12.632	180	122507	4.602	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	94606	4.548	ug/L	99
71) Naphthalene	13.490	128	116505	4.323	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	79012	4.577	ug/L	99

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

