

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028977.D
 Acq On : 15 Nov 2022 09:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022

Quant Time: Nov 16 02:59:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	292853	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	269384	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	141413	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	66450	3.722	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.568	69	65260	4.158	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.108	63	137938	4.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	3.889	46	132913	44.473	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.940%
24) Chloroform-d	4.339	84	171799	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.027	65	73686	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.043	84	335083	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.063	67	98275	4.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.310	98	303861	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.616	79	28603	3.906	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.085	63	157680	50.445	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.880%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	75653	4.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	112889	4.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	124662	5.107	ug/L	99
3) Chloromethane	1.240	50	98589	4.866	ug/L	97
5) Vinyl chloride	1.310	62	111263	4.814	ug/L	98
6) Bromomethane	1.519	94	62151	4.500	ug/L	99
8) Chloroethane	1.584	64	72220	5.318	ug/L	100
9) Trichlorofluoromethane	1.751	101	165672	5.317	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	95315	5.402	ug/L	98
12) 1,1-Dichloroethene	2.117	96	91889	5.183	ug/L	87
13) Acetone	2.185	43	104506m	54.359	ug/L	
14) Carbon disulfide	2.291	76	307209	4.880	ug/L	100
15) Methyl Acetate	2.436	43	18690	4.006	ug/L	90
16) Methylene chloride	2.503	84	110217	4.808	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	195398	5.141	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	107968	5.251	ug/L	97
19) 1,1-Dichloroethane	3.182	63	174587	5.194	ug/L	98
21) 2-Butanone	3.973	43	125153	42.048	ug/L	80
22) cis-1,2-Dichloroethene	3.905	96	111588	5.338	ug/L	95
23) Bromochloromethane	4.240	128	46761	5.289	ug/L	96
25) Chloroform	4.365	83	186557	5.294	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	95484	5.261	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	163203	5.163	ug/L	98
30) Cyclohexane	4.670	56	162952	5.072	ug/L	98
31) Carbon tetrachloride	4.818	117	138949	5.104	ug/L	100
33) Benzene	5.092	78	420280	5.106	ug/L	100
34) Trichloroethene	5.908	95	109387	5.190	ug/L	98
35) Methylcyclohexane	6.124	83	189212	5.109	ug/L	98
37) 1,2-Dichloropropane	6.169	63	96604	5.089	ug/L	100
38) Bromodichloromethane	6.503	83	119727	4.980	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	125533	4.737	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	425782	52.132	ug/L	98
42) Toluene	7.381	91	468529	5.268	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	97022	4.716	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	67817	5.457	ug/L	97
47) Tetrachloroethene	7.969	164	94486	5.599	ug/L	99
48) 2-Hexanone	8.137	43	307560	53.759	ug/L	99
49) Dibromochloromethane	8.239	129	75931	5.054	ug/L	98
50) 1,2-Dibromoethane	8.346	107	63161	5.471	ug/L	99
51) Chlorobenzene	8.873	112	298261	5.424	ug/L	99
52) Ethylbenzene	9.005	91	501573	5.417	ug/L	98
53) m,p-Xylene	9.130	106	198734	5.397	ug/L	99
54) o-Xylene	9.535	106	193765	5.536	ug/L	99
55) Styrene	9.554	104	326640	5.563	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	77312	5.338	ug/L	98
59) Bromoform	9.725	173	37720	4.893	ug/L	99
60) Isopropylbenzene	9.924	105	516326	5.625	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	54191	5.608	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	436542	5.614	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	437569	5.618	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	237219	5.500	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	235377	5.429	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	208943	5.392	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	8664	4.557	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.635	180	184809	5.554	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	141474	5.621	ug/L	98
71) Naphthalene	13.493	128	164941	5.079	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	118241	5.547	ug/L	100

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

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