

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120821\
 Data File : VW023834.D
 Acq On : 08 Dec 2021 09:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005383

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/10/2021

Quant Time: Dec 09 00:33:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	153841	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	148355	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	81780	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	46603	3.690	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.568	69	36100	3.636	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.108	63	80848	3.632	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.908	46	64612m	42.558	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.120%
24) Chloroform-d	4.346	84	91376	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.030	65	43294	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	5.047	84	167395	4.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.069	67	48374	4.270	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.313	98	155962	4.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.622	79	20718	4.537	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.088	63	88171	58.110	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36335	4.457	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	64037	4.429	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.127	85	60492	4.144	ug/L	99
3) Chloromethane	1.240	50	49414	3.894	ug/L	98
5) Vinyl chloride	1.310	62	55008	4.128	ug/L	100
6) Bromomethane	1.523	94	30496	4.036	ug/L	97
8) Chloroethane	1.584	64	33622	3.981	ug/L	98
9) Trichlorofluoromethane	1.751	101	93283	4.296	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	48313	4.440	ug/L	99
12) 1,1-Dichloroethene	2.117	96	43867	4.256	ug/L	98
13) Acetone	2.198	43	46800m	34.257	ug/L	
14) Carbon disulfide	2.294	76	135254	3.904	ug/L	99
15) Methyl Acetate	2.442	43	10819	3.489	ug/L	97
16) Methylene chloride	2.506	84	52098	3.542	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	105013	4.972	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	51884	4.419	ug/L	96
19) 1,1-Dichloroethane	3.188	63	88984	4.508	ug/L	98
21) 2-Butanone	3.992	43	69679	40.297	ug/L	89
22) cis-1,2-Dichloroethene	3.908	96	53767	4.776	ug/L	92
23) Bromochloromethane	4.246	128	24297	4.598	ug/L	87
25) Chloroform	4.371	83	94553	4.299	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	52011	4.449	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	91308	4.710	ug/L	99
30) Cyclohexane	4.674	56	77296	4.778	ug/L	98
31) Carbon tetrachloride	4.825	117	84136	4.738	ug/L	100
33) Benzene	5.098	78	199987	4.728	ug/L	100
34) Trichloroethene	5.911	95	54537	4.814	ug/L	96
35) Methylcyclohexane	6.127	83	87654	4.962	ug/L	98
37) 1,2-Dichloropropane	6.172	63	47349	4.710	ug/L	99
38) Bromodichloromethane	6.506	83	65420	4.794	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	73552	5.141	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	244975	51.045	ug/L	99
42) Toluene	7.384	91	228521	4.982	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	62179	5.171	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	34795	4.998	ug/L	99
47) Tetrachloroethene	7.972	164	49679	4.817	ug/L	98
48) 2-Hexanone	8.140	43	181541	51.180	ug/L	99
49) Dibromochloromethane	8.246	129	47181	4.946	ug/L	96
50) 1,2-Dibromoethane	8.352	107	33375	4.917	ug/L	96
51) Chlorobenzene	8.879	112	149911	4.930	ug/L	98
52) Ethylbenzene	9.011	91	246961	5.151	ug/L	99
53) m,p-xylene	9.136	106	95964	5.029	ug/L	96
54) o-xylene	9.542	106	93932	5.176	ug/L	94
55) Styrene	9.561	104	157847	5.162	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	36305	4.687	ug/L	99
59) Bromoform	9.731	173	27165	5.030	ug/L	98
60) Isopropylbenzene	9.931	105	260046	5.326	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26996	4.655	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	220510	5.427	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	221377	5.509	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	127148	5.093	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	125737	5.011	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	112144	4.908	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6081	5.280	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	101622	5.214	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	79542	5.259	ug/L	99
71) Naphthalene	13.503	128	116606	5.729	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	69644	5.314	ug/L	99

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

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