

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024000.D
 Acq On : 16 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 :
 VSTD005396

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 17 01:59:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	107327	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	113214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67913	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	27046	4.688	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.564	69	22107	4.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.108	63	60716	5.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.800%
20) 2-Butanone-d5	3.905	46	46168m	40.956	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.920%
24) Chloroform-d	4.346	84	60658	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.030	65	26803	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.047	84	111665	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.066	67	32309	4.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.313	98	112855	5.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.800%
43) trans-1,3-Dichloroprop...	7.622	79	12941	4.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.088	63	45695	36.370	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	23342	4.159	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	41959	4.625	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	49342	5.282	ug/L	99
3) Chloromethane	1.240	50	39713	4.976	ug/L	97
5) Vinyl chloride	1.310	62	44933	5.190	ug/L	97
6) Bromomethane	1.519	94	28108	5.109	ug/L	93
8) Chloroethane	1.584	64	28917	5.134	ug/L	95
9) Trichlorofluoromethane	1.751	101	84537	5.620	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	44120	5.569	ug/L	98
12) 1,1-Dichloroethene	2.117	96	39171	5.440	ug/L	93
13) Acetone	2.191	43	44245	49.061	ug/L	86
14) Carbon disulfide	2.291	76	102616	4.913	ug/L	99
15) Methyl Acetate	2.439	43	10684	4.888	ug/L	96
16) Methylene chloride	2.506	84	44821	4.758	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	85037	5.222	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	41721	5.234	ug/L	95
19) 1,1-Dichloroethane	3.185	63	76536	5.350	ug/L	99
21) 2-Butanone	3.985	43	60003	46.566	ug/L	80
22) cis-1,2-Dichloroethene	3.905	96	43064	5.104	ug/L	94
23) Bromochloromethane	4.246	128	21695	5.658	ug/L #	90
25) Chloroform	4.371	83	87527	5.504	ug/L	99

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27) 1,2-Dichloroethane	5.127	62	48438	5.622	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	81910	5.530	ug/L	99
30) Cyclohexane	4.674	56	57060	4.857	ug/L	99
31) Carbon tetrachloride	4.825	117	74994	5.386	ug/L	98
33) Benzene	5.095	78	171881	5.367	ug/L	100
34) Trichloroethene	5.911	95	46981	5.201	ug/L	97
35) Methylcyclohexane	6.130	83	66535	5.004	ug/L	99
37) 1,2-Dichloropropane	6.172	63	41949	5.511	ug/L	99
38) Bromodichloromethane	6.506	83	59795	5.545	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	58214	5.151	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	207373	56.710	ug/L	99
42) Toluene	7.384	91	199131	5.525	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	50577	5.178	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	31650	5.620	ug/L	99
47) Tetrachloroethene	7.972	164	41813	5.257	ug/L	96
48) 2-Hexanone	8.140	43	157500	59.401	ug/L	97
49) Dibromochloromethane	8.246	129	41162	5.372	ug/L	100
50) 1,2-Dibromoethane	8.352	107	28578	5.466	ug/L	93
51) Chlorobenzene	8.879	112	129739	5.385	ug/L	98
52) Ethylbenzene	9.011	91	205112	5.393	ug/L	100
53) m,p-xylene	9.136	106	83942	5.581	ug/L	97
54) o-xylene	9.542	106	78910	5.425	ug/L	100
55) Styrene	9.558	104	139291	5.753	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	32482	5.267	ug/L	99
59) Bromoform	9.731	173	22668	5.201	ug/L	99
60) Isopropylbenzene	9.931	105	216403	5.427	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	24815	5.364	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	173905	5.258	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	176140	5.345	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	111294	5.457	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	110028	5.372	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	101481	5.432	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5400	5.344	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	87110	5.194	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	64417	4.890	ug/L	97
71) Naphthalene	13.500	128	90915	4.802	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	58045	4.991	ug/L	98

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

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