

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV123019\
 Data File : VV014217.D
 Acq On : 30 Dec 2019 13:21
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: Dec 31 05:59:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 30 02:48:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	995155	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	913595	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	426274	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	189119	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.58	69	167542	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.13	63	367037	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.80%
20) 2-Butanone-d5	3.94	46	515335	44.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.02%
24) Chloroform-d	4.39	84	512648	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.07	65	252468	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.09	84	1066737	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.11	67	337680	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.35	98	993560	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.66	79	141033	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.13	63	586726	45.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.54%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	242414	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	329745	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	329616	4.368	ug/L 100
3) Chloromethane	1.25	50	290151	4.243	ug/L 99
5) Vinyl chloride	1.32	62	288827	4.448	ug/L 99
6) Bromomethane	1.53	94	127233	4.231	ug/L 97
8) Chloroethane	1.60	64	154890	4.476	ug/L 99
9) Trichlorofluoromethane	1.77	101	374171	4.485	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	212940	4.730	ug/L 95
12) 1,1-Dichloroethene	2.14	96	198659	4.519	ug/L 90
13) Acetone	2.21	43	236041	33.054	ug/L 86
14) Carbon disulfide	2.31	76	808389	4.202	ug/L 100
15) Methyl Acetate	2.46	43	120547	5.098	ug/L 92
16) Methylene chloride	2.53	84	296216	3.997	ug/L 93
17) Methyl tert-butyl Ether	2.80	73	676080	4.153	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	295496	4.303	ug/L 97
19) 1,1-Dichloroethane	3.23	63	557720	4.380	ug/L 98
21) 2-Butanone	4.03	43	559280	42.173	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	318639	4.259	ug/L # 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	121887	4.191	ug/L	96
25) Chloroform	4.42	83	566032	4.384	ug/L	98
27) 1,2-Dichloroethane	5.17	62	309187	4.277	ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	483238	4.358	ug/L	99
30) Cyclohexane	4.72	56	551524	4.549	ug/L	98
31) Carbon tetrachloride	4.87	117	418363	4.419	ug/L	98
33) Benzene	5.14	78	1231787	4.359	ug/L	100
34) Trichloroethene	5.95	95	322938	4.266	ug/L	98
35) Methylcyclohexane	6.17	83	558795	4.430	ug/L	97
37) 1,2-Dichloropropane	6.22	63	300397	4.376	ug/L	99
38) Bromodichloromethane	6.55	83	400909	4.376	ug/L	97
39) cis-1,3-Dichloropropene	7.06	75	496878	4.423	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1799294	42.140	ug/L	98
42) Toluene	7.42	91	1313679	4.232	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	384202	4.373	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	199373	4.258	ug/L	98
47) Tetrachloroethene	8.01	164	232389	4.391	ug/L	97
48) 2-Hexanone	8.18	43	1253516	42.452	ug/L	100
49) Dibromochloromethane	8.28	129	249635	4.181	ug/L	97
50) 1,2-Dibromoethane	8.39	107	187095	4.158	ug/L	98
51) Chlorobenzene	8.92	112	816760	4.255	ug/L	100
52) Ethylbenzene	9.05	91	1507322	4.374	ug/L	100
53) m,p-xylene	9.18	106	571484	4.413	ug/L	100
54) o-xylene	9.58	106	548062	4.333	ug/L	97
55) Styrene	9.60	104	909397	4.284	ug/L	98
56) Isopropylbenzene	9.97	105	1462368	4.409	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	243017	4.305	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	175876	4.192	ug/L	98
61) Bromoform	9.77	173	127539	4.099	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	619183	4.388	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	618600	4.385	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	556271	4.301	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	41149	3.863	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	461463	4.492	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	388478	4.311	ug/L	100
69) Naphthalene	13.55	128	649567	3.958	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	338560	4.304	ug/L	100

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

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