

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV123019\
 Data File : VV014228.D
 Acq On : 30 Dec 2019 19:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Quant Time: Dec 31 06:04:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 31 06:00:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	838876	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	774747	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	356802	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	188709	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.58	69	164037	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	355212	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	3.94	46	680316	69.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.42%#
24) Chloroform-d	4.40	84	488776	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.08	65	260373	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.10	84	1047248	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.11	67	332454	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.35	98	946306	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.66	79	137559	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.13	63	599763	55.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	224425	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	321001	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	285686	4.491 ug/L	100
3) Chloromethane	1.25	50	275310	4.775 ug/L	99
5) Vinyl chloride	1.32	62	277506	5.070 ug/L	100
6) Bromomethane	1.53	94	119528	4.715 ug/L	98
8) Chloroethane	1.60	64	145762	4.997 ug/L	98
9) Trichlorofluoromethane	1.77	101	352272	5.009 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	184892	4.872 ug/L	98
12) 1,1-Dichloroethene	2.14	96	182557	4.927 ug/L	98
13) Acetone	2.20	43	407209	67.647 ug/L	97
14) Carbon disulfide	2.32	76	753816	4.648 ug/L	100
15) Methyl Acetate	2.46	43	106989	5.367 ug/L	98
16) Methylene chloride	2.53	84	281899	4.513 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	661872	4.823 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	271982	4.698 ug/L	97
19) 1,1-Dichloroethane	3.23	63	535097	4.985 ug/L	99
21) 2-Butanone	4.02	43	723431	64.714 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	305019	4.836 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	117275	4.784	ug/L	95
25) Chloroform	4.42	83	553833	5.089	ug/L	98
27) 1,2-Dichloroethane	5.18	62	311846	5.117	ug/L #	94
29) 1,1,1-Trichloroethane	4.65	97	455145	4.841	ug/L	99
30) Cyclohexane	4.72	56	492059	4.785	ug/L	97
31) Carbon tetrachloride	4.87	117	382320	4.762	ug/L	100
33) Benzene	5.14	78	1149174	4.795	ug/L	100
34) Trichloroethene	5.96	95	336730	5.246	ug/L	98
35) Methylcyclohexane	6.17	83	498953	4.664	ug/L	97
37) 1,2-Dichloropropane	6.22	63	292021	5.017	ug/L	100
38) Bromodichloromethane	6.55	83	375342	4.831	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	471582	4.950	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	1783025	49.243	ug/L	100
42) Toluene	7.43	91	1221393	4.640	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	354030	4.752	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	186400	4.695	ug/L	99
47) Tetrachloroethene	8.02	164	203433	4.533	ug/L	97
48) 2-Hexanone	8.18	43	1277535	51.019	ug/L	98
49) Dibromochloromethane	8.29	129	230279	4.548	ug/L	98
50) 1,2-Dibromoethane	8.39	107	177147	4.643	ug/L #	95
51) Chlorobenzene	8.92	112	758159	4.657	ug/L	99
52) Ethylbenzene	9.05	91	1391020	4.759	ug/L	99
53) m,p-xylene	9.18	106	506102	4.608	ug/L	99
54) o-xylene	9.58	106	501275	4.674	ug/L	96
55) Styrene	9.60	104	840247	4.667	ug/L	95
56) Isopropylbenzene	9.97	105	1337173	4.754	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	211450	4.417	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	173473	4.876	ug/L	99
61) Bromoform	9.77	173	117838	4.525	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	563236	4.769	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	553347	4.687	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	505742	4.671	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	41791	4.687	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	404499	4.704	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	354947	4.706	ug/L	99
69) Naphthalene	13.55	128	622330	4.530	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	306628	4.657	ug/L	98

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

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