

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013203.D
 Acq On : 18 Oct 2019 14:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00546

Quant Time: Nov 01 02:14:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 02:09:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	546361	5.00	ug/L	-0.06
28) Chlorobenzene-d5	8.89	117	561288	5.00	ug/L	-0.01
60) 1,4-Dichlorobenzene-d4	11.29	152	345154	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	257092	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	199960	4.51	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	399130	4.60	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	3.96	46	479111	41.50	ug/L	-0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.00%
24) Chloroform-d	4.40	84	497760	4.63	ug/L	-0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	232866	4.57	ug/L	-0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.09	84	1026944	4.80	ug/L	-0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.11	67	301895	4.72	ug/L	-0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.35	98	962646	5.05	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.66	79	113858	5.00	ug/L	-0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.13	63	452454	49.41	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	215362	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	345641	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	313089	4.605 ug/L	99
3) Chloromethane	1.25	50	285858	4.356 ug/L	100
5) Vinyl chloride	1.32	62	257813	4.479 ug/L	99
6) Bromomethane	1.53	94	142234	4.435 ug/L	100
8) Chloroethane	1.60	64	147910	4.485 ug/L	96
9) Trichlorofluoromethane	1.77	101	364197	4.467 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	209835	4.558 ug/L	100
12) 1,1-Dichloroethene	2.14	96	198787	4.530 ug/L	93
13) Acetone	2.23	43	182834	32.345 ug/L	87
14) Carbon disulfide	2.31	76	570500	4.569 ug/L	100
15) Methyl Acetate	2.47	43	62794	4.848 ug/L	100
16) Methylene chloride	2.53	84	263862	4.801 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	540658	4.600 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	261230	4.562 ug/L	97
19) 1,1-Dichloroethane	3.22	63	478718	4.596 ug/L	99
21) 2-Butanone	4.04	43	489227	39.687 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	275648	4.661 ug/L #	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	116783	4.416	ug/L	98
25) Chloroform	4.42	83	478689	4.348	ug/L	97
27) 1,2-Dichloroethane	5.18	62	279468	4.653	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	403746	4.658	ug/L	99
30) Cyclohexane	4.72	56	442794	4.947	ug/L	99
31) Carbon tetrachloride	4.87	117	361730	4.712	ug/L	98
33) Benzene	5.14	78	1081472	4.785	ug/L	100
34) Trichloroethene	5.95	95	282042	4.811	ug/L	99
35) Methylcyclohexane	6.17	83	453297	5.039	ug/L	98
37) 1,2-Dichloropropane	6.22	63	260802	4.678	ug/L	100
38) Bromodichloromethane	6.55	83	317999	4.521	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	363193	4.873	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1459068	48.656	ug/L	98
42) Toluene	7.42	91	1157835	4.983	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	276258	4.818	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	177626	4.645	ug/L	99
47) Tetrachloroethene	8.01	164	244745	4.775	ug/L	99
48) 2-Hexanone	8.18	43	1104672	50.721	ug/L	99
49) Dibromochloromethane	8.29	129	218026	4.761	ug/L	99
50) 1,2-Dibromoethane	8.39	107	166218	4.807	ug/L	100
51) Chlorobenzene	8.92	112	725379	4.856	ug/L	97
52) Ethylbenzene	9.05	91	1215351	5.016	ug/L	99
53) m,p-xylene	9.18	106	464066	5.080	ug/L	98
54) o-xylene	9.58	106	449647	5.063	ug/L	99
55) Styrene	9.60	104	772488	5.218	ug/L	98
56) Isopropylbenzene	9.97	105	1216694	5.208	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	208145	4.671	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	150220	4.659	ug/L	98
61) Bromoform	9.77	173	121378	4.326	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	609168	4.929	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	602983	4.897	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	551492	4.710	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	29902	4.032	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	435466	4.803	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	386019	4.882	ug/L	99
69) Naphthalene	13.55	128	571633	4.684	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	368874	4.713	ug/L	99

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

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