

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112019\
 Data File : VV013701.D
 Acq On : 20 Nov 2019 20:20
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00543

Quant Time: Nov 21 00:56:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 00:51:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	376420	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	357406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	201162	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	130868	5.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.60%
7) Chloroethane-d5	1.58	69	118738	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.13	63	234660	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.60%
20) 2-Butanone-d5	3.94	46	304704	56.67	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.34%
24) Chloroform-d	4.40	84	279022	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.08	65	139942	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.10	84	553379	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.11	67	165656	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.60%
41) Toluene-d8	7.36	98	530150	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
43) trans-1,3-Dichloropropene-	7.66	79	59905	5.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.80%
46) 2-Hexanone-d5	8.13	63	263343	61.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	128006	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.20%#
64) 1,2-Dichlorobenzene-d4	11.67	152	208997	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	160143	4.626	ug/L	98
3) Chloromethane	1.25	50	147617	4.433	ug/L	99
5) Vinyl chloride	1.32	62	151087	4.762	ug/L	99
6) Bromomethane	1.53	94	57302	2.964	ug/L	99
8) Chloroethane	1.60	64	88990	4.997	ug/L	97
9) Trichlorofluoromethane	1.77	101	213153	5.054	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	119104	5.142	ug/L	97
12) 1,1-Dichloroethene	2.14	96	114466	5.090	ug/L	95
13) Acetone	2.21	43	152005	44.804	ug/L #	41
14) Carbon disulfide	2.32	76	349099	4.500	ug/L	99
15) Methyl Acetate	2.47	43	47234	4.916	ug/L	99
16) Methylene chloride	2.53	84	132043	4.225	ug/L	95
17) Methyl tert-butyl Ether	2.80	73	291006	5.067	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	131794	4.752	ug/L	92
19) 1,1-Dichloroethane	3.23	63	236755	4.780	ug/L	97
21) 2-Butanone	4.03	43	299823	52.699	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	141268	4.908	ug/L #	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	65140	4.909	ug/L	97
25) Chloroform	4.42	83	264400	3.942	ug/L	100
27) 1,2-Dichloroethane	5.18	62	154110	5.172	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	212610	4.921	ug/L	98
30) Cyclohexane	4.72	56	204992	4.770	ug/L	98
31) Carbon tetrachloride	4.87	117	191444	4.905	ug/L	96
33) Benzene	5.14	78	536297	4.957	ug/L	100
34) Trichloroethene	5.96	95	144366	4.986	ug/L	98
35) Methylcyclohexane	6.17	83	212287	4.806	ug/L	98
37) 1,2-Dichloropropane	6.22	63	132798	5.126	ug/L	100
38) Bromodichloromethane	6.55	83	174649	4.834	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	188742	5.069	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	838832	55.660	ug/L	98
42) Toluene	7.43	91	590527	5.109	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	147872	5.039	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	95719	5.124	ug/L	99
47) Tetrachloroethene	8.02	164	126497	4.715	ug/L	96
48) 2-Hexanone	8.18	43	599585	56.095	ug/L	98
49) Dibromochloromethane	8.29	129	120847	5.096	ug/L	99
50) 1,2-Dibromoethane	8.39	107	89538	4.990	ug/L	97
51) Chlorobenzene	8.92	112	362131	4.725	ug/L	100
52) Ethylbenzene	9.05	91	598521	4.858	ug/L	99
53) m,p-xylene	9.18	106	229920	4.948	ug/L	95
54) o-xylene	9.58	106	222743	4.984	ug/L	99
55) Styrene	9.60	104	393108	5.201	ug/L	99
56) Isopropylbenzene	9.97	105	612097	5.151	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	114089	5.505	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	84255	5.262	ug/L	99
61) Bromoform	9.77	173	73414	4.875	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	323829	4.803	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	317826	4.642	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	299834	4.774	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	17319	4.619	ug/L #	90
67) 1,3,5-Trichlorobenzene	12.69	180	248891	4.447	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	200008	4.351	ug/L	98
69) Naphthalene	13.55	128	276857	4.409	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	195164	4.647	ug/L	98

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

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