

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
 Data File : VV013732.D
 Acq On : 22 Nov 2019 13:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00546

Quant Time: Nov 23 01:18:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 12:24:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	467951	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	447797	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	243900	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	147232	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.58	69	128593	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.12	63	251207	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.96	46	328660	54.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.18%
24) Chloroform-d	4.39	84	304140	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.07	65	144272	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.09	84	612674	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.11	67	179948	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.35	98	589312	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
43) trans-1,3-Dichloropropene-	7.66	79	70195	5.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.80%
46) 2-Hexanone-d5	8.13	63	280225	56.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.38%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	125716	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	228812	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	156188	5.011 ug/L	98
3) Chloromethane	1.25	50	134627	4.919 ug/L	100
5) Vinyl chloride	1.32	62	141616	5.066 ug/L	99
6) Bromomethane	1.53	94	74956	5.092 ug/L	95
8) Chloroethane	1.60	64	88399	5.247 ug/L	99
9) Trichlorofluoromethane	1.77	101	218775	5.040 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	131487	5.097 ug/L	99
12) 1,1-Dichloroethene	2.13	96	112438	4.998 ug/L	96
13) Acetone	2.23	43	203886	48.424 ug/L #	59
14) Carbon disulfide	2.31	76	258168	4.970 ug/L	100
15) Methyl Acetate	2.47	43	52170	5.535 ug/L #	90
16) Methylene chloride	2.53	84	140977	4.574 ug/L	96
17) Methyl tert-butyl Ether	2.80	73	322174	5.232 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	133660	5.261 ug/L	98
19) 1,1-Dichloroethane	3.22	63	261462	5.155 ug/L	100
21) 2-Butanone	4.04	43	338304	53.157 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	154243	5.177 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	68870	5.261	ug/L	97
25) Chloroform	4.42	83	275972	5.133	ug/L	97
27) 1,2-Dichloroethane	5.17	62	159059	5.169	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	232263	5.070	ug/L	100
30) Cyclohexane	4.72	56	198724	5.193	ug/L	100
31) Carbon tetrachloride	4.87	117	207449	5.147	ug/L	100
33) Benzene	5.14	78	566128	5.154	ug/L	100
34) Trichloroethene	5.95	95	155636	5.136	ug/L	98
35) Methylcyclohexane	6.17	83	210846	5.215	ug/L	97
37) 1,2-Dichloropropane	6.22	63	144894	5.132	ug/L	99
38) Bromodichloromethane	6.55	83	188198	5.052	ug/L	100
39) cis-1,3-Dichloropropene	7.06	75	212337	5.301	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	875920	53.175	ug/L	99
42) Toluene	7.42	91	629794	5.345	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	163682	5.220	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	104603	5.199	ug/L	98
47) Tetrachloroethene	8.01	164	136542	5.189	ug/L	98
48) 2-Hexanone	8.18	43	648652	55.168	ug/L	100
49) Dibromochloromethane	8.28	129	133715	5.182	ug/L	98
50) 1,2-Dibromoethane	8.39	107	96484	5.296	ug/L	98
51) Chlorobenzene	8.92	112	424003	5.172	ug/L	99
52) Ethylbenzene	9.05	91	688075	5.376	ug/L	100
53) m,p-xylene	9.18	106	265540	5.442	ug/L	99
54) o-xylene	9.58	106	257789	5.412	ug/L	99
55) Styrene	9.60	104	457843	5.567	ug/L	98
56) Isopropylbenzene	9.97	105	710473	5.473	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	116257	5.259	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	89431	5.161	ug/L	99
61) Bromoform	9.77	173	79837	5.201	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	376627	5.315	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	377770	5.238	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	342944	5.215	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	19274	5.044	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	315093	5.265	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	257469	5.246	ug/L	99
69) Naphthalene	13.55	128	353722	5.292	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	237890	5.320	ug/L	97

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

