

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014160.D
 Acq On : 23 Dec 2019 15:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00501

Quant Time: Dec 24 01:33:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 01:28:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	452504	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	406573	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	220309	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	148681	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	124350	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.13	63	262421	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	3.94	46	281998	46.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.08%
24) Chloroform-d	4.39	84	285525	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.07	65	137228	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.09	84	582196	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.11	67	168132	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.35	98	513559	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.66	79	62377	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.13	63	230903	50.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.92%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	113254	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	189862	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	194462	5.322	ug/L 100
3) Chloromethane	1.25	50	192482	5.114	ug/L 99
5) Vinyl chloride	1.32	62	180324	5.126	ug/L 97
6) Bromomethane	1.53	94	101322	5.224	ug/L 97
8) Chloroethane	1.60	64	104048	4.976	ug/L 99
9) Trichlorofluoromethane	1.77	101	250138	5.274	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	141666	5.300	ug/L 98
12) 1,1-Dichloroethene	2.14	96	135580	5.196	ug/L 97
13) Acetone	2.21	43	189470	37.977	ug/L 96
14) Carbon disulfide	2.31	76	459032	5.294	ug/L 98
15) Methyl Acetate	2.47	43	59836	5.080	ug/L 98
16) Methylene chloride	2.53	84	166425	4.744	ug/L 96
17) Methyl tert-butyl Ether	2.80	73	339740	5.292	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	164993	5.347	ug/L 98
19) 1,1-Dichloroethane	3.22	63	300834	5.253	ug/L 100
21) 2-Butanone	4.03	43	334821	48.993	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	168387	5.299	ug/L # 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	73234	4.988	ug/L	92
25) Chloroform	4.42	83	302158	5.147	ug/L	99
27) 1,2-Dichloroethane	5.17	62	174306	5.217	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	261343	5.526	ug/L	99
30) Cyclohexane	4.72	56	275767	6.095	ug/L	98
31) Carbon tetrachloride	4.87	117	235499	5.595	ug/L	98
33) Benzene	5.14	78	666062	5.807	ug/L	100
34) Trichloroethene	5.95	95	170787	5.652	ug/L	96
35) Methylcyclohexane	6.17	83	278365	6.207	ug/L	99
37) 1,2-Dichloropropane	6.21	63	161749	5.714	ug/L	99
38) Bromodichloromethane	6.55	83	198981	5.404	ug/L	100
39) cis-1,3-Dichloropropene	7.06	75	229397	5.753	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	837817	54.329	ug/L	100
42) Toluene	7.42	91	680821	5.674	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	172579	5.505	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	100488	5.111	ug/L	97
47) Tetrachloroethene	8.01	164	149863	5.502	ug/L	98
48) 2-Hexanone	8.18	43	634298	56.302	ug/L	99
49) Dibromochloromethane	8.28	129	133684	5.368	ug/L	97
50) 1,2-Dibromoethane	8.39	107	96279	5.327	ug/L	95
51) Chlorobenzene	8.92	112	427605	5.454	ug/L	98
52) Ethylbenzene	9.05	91	721320	5.771	ug/L	99
53) m,p-xylene	9.18	106	277888	5.753	ug/L	99
54) o-xylene	9.58	106	268716	5.916	ug/L	97
55) Styrene	9.60	104	455861	5.814	ug/L	99
56) Isopropylbenzene	9.97	105	711438	5.926	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	120233	5.220	ug/L	95
59) 1,2,3-Trichloropropane	10.31	75	88617	5.189	ug/L	100
61) Bromoform	9.77	173	76785	5.056	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	361681	5.625	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	362618	5.569	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	327369	5.468	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	17831	4.857	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	302158	5.714	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	248207	5.755	ug/L	100
69) Naphthalene	13.55	128	316104	5.585	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	227577	5.720	ug/L	100

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

