

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122019\
 Data File : VV014144.D
 Acq On : 20 Dec 2019 09:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00559

Quant Time: Dec 21 01:12:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 10:50:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	380660	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	356234	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	205818	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122574	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.58	69	107255	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.13	63	206267	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.00%
20) 2-Butanone-d5	3.94	46	238633	48.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.44%
24) Chloroform-d	4.39	84	240952	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.07	65	115326	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.09	84	463847	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.11	67	137716	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.35	98	422337	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.66	79	49062	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.13	63	175885	44.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.46%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	101287	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	160845	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	123550	4.873 ug/L	98
3) Chloromethane	1.25	50	116548	5.235 ug/L	97
5) Vinyl chloride	1.32	62	117177	5.153 ug/L	100
6) Bromomethane	1.53	94	63486	5.302 ug/L	95
8) Chloroethane	1.60	64	72912	5.321 ug/L	99
9) Trichlorofluoromethane	1.77	101	188934	5.350 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	112417	5.357 ug/L	97
12) 1,1-Dichloroethene	2.14	96	93262	5.096 ug/L	95
13) Acetone	2.21	43	182206	53.198 ug/L #	58
14) Carbon disulfide	2.31	76	209824	4.966 ug/L	100
15) Methyl Acetate	2.47	43	43696	5.699 ug/L	96
16) Methylene chloride	2.53	84	127827	5.099 ug/L	93
17) Methyl tert-butyl Ether	2.80	73	248249	4.956 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	105435	5.102 ug/L	96
19) 1,1-Dichloroethane	3.22	63	229623	5.565 ug/L	98
21) 2-Butanone	4.03	43	261506	50.512 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	121868	5.029 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.29	128	54176	5.087	ug/L	92
25) Chloroform	4.42	83	239036	5.465	ug/L	100
27) 1,2-Dichloroethane	5.17	62	130766	5.224	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	199170	5.466	ug/L	99
30) Cyclohexane	4.72	56	152003	4.993	ug/L	98
31) Carbon tetrachloride	4.87	117	179378	5.595	ug/L	99
33) Benzene	5.14	78	468331	5.360	ug/L	100
34) Trichloroethene	5.95	95	120699	5.007	ug/L	98
35) Methylcyclohexane	6.17	83	157950	4.911	ug/L	94
37) 1,2-Dichloropropane	6.21	63	123347	5.492	ug/L	98
38) Bromodichloromethane	6.55	83	162003	5.467	ug/L	97
39) cis-1,3-Dichloropropene	7.06	75	163649	5.135	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	673698	51.411	ug/L	96
42) Toluene	7.42	91	489171	5.219	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	130255	5.222	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	79754	4.983	ug/L	98
47) Tetrachloroethene	8.01	164	104145	4.976	ug/L	97
48) 2-Hexanone	8.18	43	489778	52.363	ug/L	99
49) Dibromochloromethane	8.28	129	107284	5.226	ug/L	99
50) 1,2-Dibromoethane	8.39	107	70563	4.868	ug/L	98
51) Chlorobenzene	8.92	112	315983	4.845	ug/L	97
52) Ethylbenzene	9.05	91	507888	4.988	ug/L	99
53) m,p-xylene	9.18	106	194144	5.002	ug/L	100
54) o-xylene	9.58	106	188273	4.968	ug/L	93
55) Styrene	9.60	104	337123	5.152	ug/L	98
56) Isopropylbenzene	9.97	105	551830	5.343	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	100724	5.727	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	72659	5.270	ug/L	98
61) Bromoform	9.77	173	62417	4.819	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	295046	4.934	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	291258	4.786	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	265969	4.793	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	14215	4.408	ug/L	93
67) 1,3,5-Trichlorobenzene	12.68	180	241204	4.776	ug/L	97
68) 1,2,4-trichlorobenzene	13.30	180	188488	4.551	ug/L	99
69) Naphthalene	13.55	128	206463	3.661	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	171385	4.542	ug/L	99

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

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