

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121919\
 Data File : VV014127.D
 Acq On : 19 Dec 2019 09:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00557

Quant Time: Dec 20 07:07:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 17 15:04:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	398585	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	383922	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	209342	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	145378	5.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.80%
7) Chloroethane-d5	1.58	69	119382	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.00%
11) 1,1-Dichloroethene-d2	2.13	63	235446	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.40%
20) 2-Butanone-d5	3.95	46	266703	52.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.00%
24) Chloroform-d	4.39	84	260552	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.07	65	125695	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.09	84	509995	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.11	67	151549	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.35	98	481121	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	7.66	79	57648	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.13	63	207024	48.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.70%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	109073	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	174696	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	138200	5.206 ug/L	97
3) Chloromethane	1.25	50	135245	5.801 ug/L	99
5) Vinyl chloride	1.32	62	124538	5.230 ug/L	98
6) Bromomethane	1.53	94	62421	4.978 ug/L	96
8) Chloroethane	1.60	64	80357	5.600 ug/L	99
9) Trichlorofluoromethane	1.77	101	200110	5.412 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	117827	5.363 ug/L	99
12) 1,1-Dichloroethene	2.13	96	103735	5.413 ug/L	90
13) Acetone	2.22	43	197863	55.171 ug/L #	64
14) Carbon disulfide	2.31	76	223667	5.056 ug/L	99
15) Methyl Acetate	2.47	43	43873	5.464 ug/L	95
16) Methylene chloride	2.53	84	137906	5.254 ug/L	94
17) Methyl tert-butyl Ether	2.80	73	272821	5.202 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	113281	5.235 ug/L	96
19) 1,1-Dichloroethane	3.22	63	246451	5.705 ug/L	98
21) 2-Butanone	4.04	43	277636	51.216 ug/L	99
22) cis-1,2-Dichloroethene	3.95	96	131290	5.174 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	57789	5.182	ug/L	93
25) Chloroform	4.42	83	253364	5.532	ug/L	97
27) 1,2-Dichloroethane	5.17	62	138037	5.266	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	212682	5.415	ug/L	99
30) Cyclohexane	4.72	56	162018	4.938	ug/L	99
31) Carbon tetrachloride	4.87	117	188600	5.458	ug/L	99
33) Benzene	5.14	78	496290	5.270	ug/L	100
34) Trichloroethene	5.95	95	127388	4.903	ug/L	99
35) Methylcyclohexane	6.17	83	174436	5.032	ug/L	97
37) 1,2-Dichloropropane	6.21	63	133506	5.516	ug/L	99
38) Bromodichloromethane	6.55	83	174648	5.469	ug/L	98
39) cis-1,3-Dichloropropene	7.06	75	176371	5.135	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	765532	54.206	ug/L	97
42) Toluene	7.42	91	539305	5.339	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	143234	5.328	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	92617	5.369	ug/L	97
47) Tetrachloroethene	8.01	164	115201	5.107	ug/L	97
48) 2-Hexanone	8.18	43	545250	54.089	ug/L	98
49) Dibromochloromethane	8.28	129	120037	5.426	ug/L	96
50) 1,2-Dibromoethane	8.39	107	82187	5.261	ug/L	99
51) Chlorobenzene	8.92	112	353241	5.026	ug/L	96
52) Ethylbenzene	9.05	91	563535	5.136	ug/L	99
53) m,p-xylene	9.18	106	217382	5.196	ug/L	99
54) o-xylene	9.58	106	212410	5.201	ug/L	98
55) Styrene	9.60	104	379319	5.379	ug/L	99
56) Isopropylbenzene	9.97	105	582846	5.237	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	112887	5.956	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	80441	5.414	ug/L	99
61) Bromoform	9.77	173	69785	5.297	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	314624	5.173	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	308813	4.989	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	286481	5.076	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	14641	4.464	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	246019	4.789	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	187518	4.451	ug/L	99
69) Naphthalene	13.55	128	222581	3.880	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	184506	4.807	ug/L	98

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

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