

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
 Data File : VV013754.D
 Acq On : 22 Nov 2019 23:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00547

Quant Time: Nov 23 01:42:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 23 01:35:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	372334	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	368378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	205569	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115374	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.58	69	103772	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.13	63	203683	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.00%
20) 2-Butanone-d5	3.92	46	306889	64.06	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.12%
24) Chloroform-d	4.40	84	237841	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.08	65	118886	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.09	84	475991	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.11	67	142028	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	454039	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.66	79	54931	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.13	63	264153	64.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	107830	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	189493	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	131963	5.321 ug/L	98
3) Chloromethane	1.25	50	94374	4.334 ug/L	99
5) Vinyl chloride	1.32	62	116895	5.255 ug/L #	73
6) Bromomethane	1.53	94	17834	1.523 ug/L	99
8) Chloroethane	1.60	64	83307	6.215 ug/L	92
9) Trichlorofluoromethane	1.77	101	190773	5.523 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	108014	5.263 ug/L	99
12) 1,1-Dichloroethene	2.14	96	96256	5.377 ug/L	91
13) Acetone	2.18	43	187728	56.036 ug/L #	55
14) Carbon disulfide	2.32	76	225974	5.468 ug/L	99
15) Methyl Acetate	2.46	43	46508	6.201 ug/L	96
16) Methylene chloride	2.53	84	117705	4.800 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	276420	5.642 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	108424	5.363 ug/L	99
19) 1,1-Dichloroethane	3.23	63	220748	5.470 ug/L	96
21) 2-Butanone	4.01	43	325965	64.371 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	130851	5.520 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	60558	5.814	ug/L	96
25) Chloroform	4.42	83	236543	5.529	ug/L	95
27) 1,2-Dichloroethane	5.17	62	136080	5.558	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	193431	5.133	ug/L	98
30) Cyclohexane	4.72	56	156743	4.979	ug/L	100
31) Carbon tetrachloride	4.87	117	173201	5.224	ug/L	100
33) Benzene	5.14	78	467399	5.173	ug/L	100
34) Trichloroethene	5.95	95	139291	5.588	ug/L	98
35) Methylcyclohexane	6.17	83	165293	4.970	ug/L	97
37) 1,2-Dichloropropane	6.22	63	123099	5.300	ug/L	99
38) Bromodichloromethane	6.55	83	164366	5.364	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	164203	4.983	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	773772	57.101	ug/L	98
42) Toluene	7.43	91	517879	5.343	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	136691	5.299	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	93277	5.636	ug/L	98
47) Tetrachloroethene	8.02	164	110840	5.121	ug/L	97
48) 2-Hexanone	8.18	43	579695	59.933	ug/L	99
49) Dibromochloromethane	8.29	129	116433	5.485	ug/L	99
50) 1,2-Dibromoethane	8.39	107	85505	5.705	ug/L	99
51) Chlorobenzene	8.92	112	348249	5.164	ug/L	98
52) Ethylbenzene	9.05	91	562694	5.344	ug/L	99
53) m,p-xylene	9.18	106	213952	5.330	ug/L	95
54) o-xylene	9.58	106	209731	5.352	ug/L	95
55) Styrene	9.60	104	381271	5.635	ug/L	98
56) Isopropylbenzene	9.97	105	579476	5.426	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	98163	5.398	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	83652	5.868	ug/L	98
61) Bromoform	9.77	173	71722	5.544	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	311842	5.222	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	315385	5.189	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	292370	5.275	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	17809	5.529	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	254431	5.044	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	212114	5.127	ug/L	99
69) Naphthalene	13.55	128	308626	5.479	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	208367	5.529	ug/L	98

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

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