

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
 Data File : VV013441.D
 Acq On : 30 Oct 2019 20:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00541

Quant Time: Oct 31 02:48:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 31 02:41:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	345623	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	361721	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	215240	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	132269	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.58	69	113338	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.13	63	242508	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	3.96	46	405817	54.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.54%
24) Chloroform-d	4.40	84	311210	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.08	65	157561	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	606978	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	189269	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	560720	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.66	79	67582	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.13	63	264368	56.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	137178	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	208950	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	228248	4.921 ug/L	99
3) Chloromethane	1.25	50	185006	4.737 ug/L	98
5) Vinyl chloride	1.32	62	185032	4.882 ug/L	96
6) Bromomethane	1.53	94	61720	3.027 ug/L	88
8) Chloroethane	1.60	64	109708	5.067 ug/L	100
9) Trichlorofluoromethane	1.77	101	252626	5.105 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	138645	5.015 ug/L	100
12) 1,1-Dichloroethene	2.14	96	134561	5.089 ug/L	92
13) Acetone	2.22	43	195937	53.628 ug/L	99
14) Carbon disulfide	2.31	76	400049	5.005 ug/L	99
15) Methyl Acetate	2.47	43	73708	5.390 ug/L	99
16) Methylene chloride	2.53	84	182533	4.767 ug/L	99
17) Methyl tert-butyl Ether	2.80	73	382403	5.434 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	177927	5.053 ug/L	99
19) 1,1-Dichloroethane	3.23	63	334365	5.177 ug/L	98
21) 2-Butanone	4.04	43	442667	55.613 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	185719	5.231 ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	78930	4.945	ug/L	97
25) Chloroform	4.42	83	337241	4.929	ug/L	98
27) 1,2-Dichloroethane	5.18	62	199655	5.287	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	284727	5.315	ug/L	98
30) Cyclohexane	4.72	56	299359	5.320	ug/L	98
31) Carbon tetrachloride	4.87	117	251572	5.173	ug/L	100
33) Benzene	5.14	78	731336	5.411	ug/L	100
34) Trichloroethene	5.96	95	189589	5.109	ug/L	99
35) Methylcyclohexane	6.17	83	285372	5.156	ug/L	99
37) 1,2-Dichloropropane	6.22	63	178899	5.235	ug/L	98
38) Bromodichloromethane	6.55	83	221922	5.176	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	245250	5.312	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1097689	57.048	ug/L	100
42) Toluene	7.43	91	772527	5.481	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	187028	5.126	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	116573	5.124	ug/L	98
47) Tetrachloroethene	8.02	164	155533	4.947	ug/L	99
48) 2-Hexanone	8.18	43	773671	56.867	ug/L	99
49) Dibromochloromethane	8.29	129	145100	5.156	ug/L	98
50) 1,2-Dibromoethane	8.39	107	111030	5.317	ug/L	97
51) Chlorobenzene	8.92	112	477402	5.248	ug/L	99
52) Ethylbenzene	9.05	91	808905	5.414	ug/L	100
53) m,p-xylene	9.18	106	310041	5.618	ug/L	96
54) o-xylene	9.59	106	297012	5.563	ug/L	98
55) Styrene	9.60	104	515398	5.729	ug/L	100
56) Isopropylbenzene	9.97	105	796165	5.540	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	136552	5.658	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	105071	5.343	ug/L	99
61) Bromoform	9.77	173	83941	5.326	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	393381	5.428	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	387572	5.333	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	355155	5.293	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	19017	4.991	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	298661	5.140	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	246289	5.475	ug/L	99
69) Naphthalene	13.55	128	349820	5.680	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	230355	5.636	ug/L	99

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

