

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV061019\
 Data File : VV011344.D
 Acq On : 10 Jun 2019 11:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00543

Quant Time: Jun 11 01:31:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 10 06:50:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154776	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144698	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62929	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	51332	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.57	69	44527	4.57	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.12	63	115792	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.80%
20) 2-Butanone-d5	3.95	46	145291	55.03	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.06%
24) Chloroform-d	4.40	84	113384	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.08	65	59802	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.09	84	217096	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	65827	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	201993	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.66	79	23057	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.13	63	114025	53.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47931	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	65115	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	72593	4.756	ug/L 100
3) Chloromethane	1.25	50	68504	4.642	ug/L 99
5) Vinyl chloride	1.32	62	72095	5.063	ug/L 95
6) Bromomethane	1.52	94	29992	4.048	ug/L 98
8) Chloroethane	1.58	64	44302	4.868	ug/L 95
9) Trichlorofluoromethane	1.76	101	95184	4.869	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	53916	5.374	ug/L 98
12) 1,1-Dichloroethene	2.13	96	48070	4.929	ug/L 98
13) Acetone	2.20	43	93407	52.763	ug/L 99
14) Carbon disulfide	2.31	76	133032	4.497	ug/L 99
15) Methyl Acetate	2.46	43	24394	5.188	ug/L 99
16) Methylene chloride	2.53	84	50193	4.996	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	129864	4.989	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	53192	4.872	ug/L 97
19) 1,1-Dichloroethane	3.22	63	106790	4.959	ug/L 99
21) 2-Butanone	4.04	43	143859	52.767	ug/L 94
22) cis-1,2-Dichloroethene	3.96	96	57796	4.780	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	21402	4.617	ug/L	89
25) Chloroform	4.42	83	107155	4.818	ug/L	99
27) 1,2-Dichloroethane	5.18	62	69441	5.109	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	89070	4.826	ug/L	98
30) Cyclohexane	4.71	56	97959	4.787	ug/L	99
31) Carbon tetrachloride	4.87	117	73839	4.787	ug/L	100
33) Benzene	5.14	78	229138	4.977	ug/L	100
34) Trichloroethene	5.95	95	59185	4.976	ug/L	99
35) Methylcyclohexane	6.17	83	95142	4.837	ug/L	100
37) 1,2-Dichloropropane	6.22	63	56329	4.916	ug/L	99
38) Bromodichloromethane	6.55	83	66818	4.716	ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	75677	4.514	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	365115	50.032	ug/L	99
42) Toluene	7.43	91	241057	4.912	ug/L	96
44) trans-1,3-Dichloropropene	7.69	75	57868	4.540	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	35928	4.898	ug/L	97
47) Tetrachloroethene	8.02	164	42741	4.972	ug/L	98
48) 2-Hexanone	8.19	43	252559	49.623	ug/L	99
49) Dibromochloromethane	8.29	129	38519	4.623	ug/L	100
50) 1,2-Dibromoethane	8.40	107	33059	4.741	ug/L	99
51) Chlorobenzene	8.92	112	148120	4.949	ug/L	99
52) Ethylbenzene	9.05	91	267517	4.909	ug/L	97
53) m,p-xylene	9.18	106	98123	4.869	ug/L	98
54) o-xylene	9.59	106	97611	4.935	ug/L	98
55) Styrene	9.60	104	156720	4.865	ug/L	97
56) Isopropylbenzene	9.97	105	258006	4.847	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	44681	5.024	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	32150	4.810	ug/L	99
61) Bromoform	9.77	173	17231	4.558	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	102287	4.915	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	101991	5.049	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	98904	5.142	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	5959	4.324	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	73513	4.911	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	56325	4.956	ug/L	96
69) Naphthalene	13.55	128	96532	5.189	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	51969	5.099	ug/L	98

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

