

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV061719\
 Data File : VV011545.D
 Acq On : 17 Jun 2019 09:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00557

Quant Time: Jun 18 08:41:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 17 04:48:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	212616	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	197792	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	90456	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62433	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.58	69	48268	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.12	63	129384	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	3.96	46	187552	41.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.04%
24) Chloroform-d	4.39	84	135726	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.08	65	71583	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	5.09	84	250869	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.11	67	78442	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.80%
41) Toluene-d8	7.36	98	228450	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.66	79	28366	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.14	63	149264	41.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56516	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	78574	4.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	99954	5.270	ug/L 98
3) Chloromethane	1.25	50	92518	4.503	ug/L 100
5) Vinyl chloride	1.32	62	92106	4.539	ug/L 100
6) Bromomethane	1.53	94	39943	4.708	ug/L 99
8) Chloroethane	1.60	64	53480	5.443	ug/L 100
9) Trichlorofluoromethane	1.75	101	116893	5.230	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	67433	5.282	ug/L 99
12) 1,1-Dichloroethene	2.13	96	61025	4.615	ug/L 93
13) Acetone	2.22	43	121416	39.886	ug/L 99
14) Carbon disulfide	2.30	76	164860	4.612	ug/L 100
15) Methyl Acetate	2.47	43	33194	4.113	ug/L 99
16) Methylene chloride	2.52	84	66348	4.415	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	169991	4.287	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	72356	4.840	ug/L 96
19) 1,1-Dichloroethane	3.22	63	145860	4.716	ug/L 98
21) 2-Butanone	4.05	43	200996	41.735	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	77342	4.566	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	30407	4.567	ug/L	94
25) Chloroform	4.42	83	147999	4.768	ug/L	100
27) 1,2-Dichloroethane	5.17	62	95281	4.355	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	126598	5.144	ug/L	97
30) Cyclohexane	4.71	56	132120	5.197	ug/L	100
31) Carbon tetrachloride	4.87	117	106078	5.327	ug/L	99
33) Benzene	5.14	78	310833	4.811	ug/L	100
34) Trichloroethene	5.95	95	81507	4.947	ug/L	98
35) Methylcyclohexane	6.17	83	131616	5.603	ug/L	99
37) 1,2-Dichloropropane	6.22	63	77972	4.534	ug/L	100
38) Bromodichloromethane	6.55	83	92393	4.729	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	107723	4.976	ug/L	92
40) 4-Methyl-2-pentanone	7.28	43	516266	42.114	ug/L	99
42) Toluene	7.43	91	329815	4.927	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	83787	5.060	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	50474	4.397	ug/L	98
47) Tetrachloroethene	8.02	164	60286	5.131	ug/L	94
48) 2-Hexanone	8.19	43	362429	42.056	ug/L	100
49) Dibromochloromethane	8.29	129	54017	4.683	ug/L	98
50) 1,2-Dibromoethane	8.40	107	45537	4.386	ug/L	98
51) Chlorobenzene	8.92	112	200244	4.870	ug/L	98
52) Ethylbenzene	9.05	91	363456	5.169	ug/L	99
53) m,p-xylene	9.18	106	133443	5.186	ug/L	99
54) o-xylene	9.59	106	131457	5.086	ug/L	100
55) Styrene	9.60	104	220292	5.139	ug/L	97
56) Isopropylbenzene	9.97	105	355371	5.402	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	57136	4.070	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	45950	4.280	ug/L	100
61) Bromoform	9.78	173	25048	4.343	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	145655	4.966	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	144269	4.828	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	136595	4.627	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8185	3.818	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	109359	5.105	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	80268	4.666	ug/L	99
69) Naphthalene	13.55	128	130695	3.864	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	75322	4.515	ug/L	99

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

