

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012646.D
 Acq On : 10 Sep 2019 01:47
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00547

Quant Time: Sep 10 09:36:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	400028	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	396403	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	203407	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117620	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.58	69	105262	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.13	63	209334	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	3.96	46	373201	57.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.30%
24) Chloroform-d	4.40	84	240856	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.08	65	121163	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.09	84	445641	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	145144	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	409165	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.66	79	50273	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.14	63	229737	58.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	118196	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	161986	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	181957	5.393	ug/L 100
3) Chloromethane	1.25	50	177631	5.215	ug/L 100
5) Vinyl chloride	1.32	62	185413	5.334	ug/L 99
6) Bromomethane	1.53	94	90885	4.769	ug/L 98
8) Chloroethane	1.60	64	109971	5.350	ug/L 100
9) Trichlorofluoromethane	1.77	101	239002	5.480	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	141828	5.436	ug/L 99
12) 1,1-Dichloroethene	2.14	96	134006	5.393	ug/L 89
13) Acetone	2.23	43	228891	59.803	ug/L 98
14) Carbon disulfide	2.31	76	355091	5.313	ug/L 99
15) Methyl Acetate	2.47	43	60804	5.905	ug/L 99
16) Methylene chloride	2.53	84	147420	4.853	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	335427	5.754	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	150187	5.376	ug/L 97
19) 1,1-Dichloroethane	3.23	63	285649	5.431	ug/L 98
21) 2-Butanone	4.05	43	419818	63.963	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	162406	5.351	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	71881	5.542	ug/L	97
25) Chloroform	4.42	83	299129	5.164	ug/L	98
27) 1,2-Dichloroethane	5.18	62	173017	5.698	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	230504	5.283	ug/L	99
30) Cyclohexane	4.72	56	228728	5.266	ug/L	100
31) Carbon tetrachloride	4.87	117	206816	5.381	ug/L	97
33) Benzene	5.14	78	633548	5.468	ug/L	100
34) Trichloroethene	5.96	95	168121	5.251	ug/L	99
35) Methylcyclohexane	6.17	83	236317	5.223	ug/L	99
37) 1,2-Dichloropropane	6.22	63	159658	5.533	ug/L	100
38) Bromodichloromethane	6.55	83	200225	5.358	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	200594	5.299	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	1016238	63.529	ug/L	100
42) Toluene	7.43	91	672942	5.591	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	154848	5.424	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	113592	5.652	ug/L	99
47) Tetrachloroethene	8.02	164	133995	5.332	ug/L	99
48) 2-Hexanone	8.19	43	756575	66.099	ug/L	99
49) Dibromochloromethane	8.29	129	132126	5.527	ug/L	99
50) 1,2-Dibromoethane	8.40	107	100988	5.670	ug/L	98
51) Chlorobenzene	8.92	112	427907	5.408	ug/L	99
52) Ethylbenzene	9.05	91	704040	5.439	ug/L	100
53) m,p-xylene	9.18	106	273232	5.584	ug/L	96
54) o-xylene	9.59	106	263804	5.629	ug/L	99
55) Styrene	9.60	104	456582	5.858	ug/L	99
56) Isopropylbenzene	9.97	105	685442	5.521	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	119055	5.942	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	99189	5.827	ug/L	97
61) Bromoform	9.77	173	71740	5.290	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	336868	5.346	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	332673	5.230	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	316746	5.338	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	17893	5.787	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	238776	5.003	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	185928	4.921	ug/L	99
69) Naphthalene	13.55	128	293105	5.131	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	189967	5.332	ug/L	99

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

