

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011263.D
 Acq On : 07 Jun 2019 00:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00532

Quant Time: Jun 07 01:34:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 07 01:28:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154232	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145285	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	68673	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50685	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.56	69	42530	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.12	63	110140	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	3.94	46	159317	60.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.10%
24) Chloroform-d	4.40	84	104228	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.08	65	58076	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.09	84	202625	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	62392	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.36	98	187931	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.66	79	22247	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.13	63	129259	59.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49670	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	68470	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	74879	4.923	ug/L 97
3) Chloromethane	1.25	50	71168	4.839	ug/L 99
5) Vinyl chloride	1.32	62	71842	5.063	ug/L 95
6) Bromomethane	1.51	94	31058	4.207	ug/L 97
8) Chloroethane	1.58	64	42485	4.685	ug/L 97
9) Trichlorofluoromethane	1.76	101	99233	5.094	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	50680	5.069	ug/L 97
12) 1,1-Dichloroethene	2.13	96	47700	4.909	ug/L 97
13) Acetone	2.19	43	102280	57.979	ug/L 99
14) Carbon disulfide	2.31	76	133747	4.537	ug/L 100
15) Methyl Acetate	2.46	43	25442	5.430	ug/L 97
16) Methylene chloride	2.53	84	50954	5.089	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	133904	5.162	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	52626	4.837	ug/L 100
19) 1,1-Dichloroethane	3.22	63	103250	4.811	ug/L 98
21) 2-Butanone	4.03	43	161095	59.298	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	58965	4.894	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	22608	4.895	ug/L	93
25) Chloroform	4.42	83	103764	4.682	ug/L	99
27) 1,2-Dichloroethane	5.18	62	70552	5.209	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	88099	4.754	ug/L	99
30) Cyclohexane	4.72	56	95895	4.667	ug/L	98
31) Carbon tetrachloride	4.87	117	73818	4.766	ug/L	98
33) Benzene	5.14	78	223103	4.826	ug/L	100
34) Trichloroethene	5.96	95	63636	5.328	ug/L	95
35) Methylcyclohexane	6.17	83	95415	4.831	ug/L	98
37) 1,2-Dichloropropane	6.22	63	55403	4.815	ug/L	100
38) Bromodichloromethane	6.55	83	68520	4.817	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	74246	4.410	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	407575	55.625	ug/L	100
42) Toluene	7.43	91	242938	4.930	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	58954	4.606	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	38402	5.214	ug/L	96
47) Tetrachloroethene	8.02	164	42198	4.889	ug/L	96
48) 2-Hexanone	8.18	43	296258	57.974	ug/L	97
49) Dibromochloromethane	8.29	129	40661	4.860	ug/L	100
50) 1,2-Dibromoethane	8.40	107	35294	5.041	ug/L	94
51) Chlorobenzene	8.92	112	149375	4.971	ug/L	99
52) Ethylbenzene	9.05	91	274644	5.019	ug/L	98
53) m,p-xylene	9.18	106	103594	5.119	ug/L	99
54) o-xylene	9.59	106	100267	5.049	ug/L	96
55) Styrene	9.60	104	168146	5.199	ug/L	97
56) Isopropylbenzene	9.97	105	271731	5.084	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	46893	5.252	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	35533	5.295	ug/L	98
61) Bromoform	9.77	173	18823	4.563	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	111735	4.920	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	112786	5.116	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	108456	5.167	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	7127	4.738	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.69	180	81745	5.004	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	66036	5.324	ug/L	96
69) Naphthalene	13.55	128	119266	5.875	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	63132	5.676	ug/L	97

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

