

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060419\
 Data File : VV011204.D
 Acq On : 04 Jun 2019 13:53
 Operator : SY/MD
 Sample : VSTD00539
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

Quant Time: Jun 04 14:12:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 12:47:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	187089	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	176305	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81450	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68924	6.27	ug/L	0.00
7) Chloroethane-d5	1.58	69	55475	7.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	139581	6.37	ug/L	0.00
20) 2-Butanone-d5	3.96	46	165503	64.09	ug/L	0.00
24) Chloroform-d	4.40	84	124491	5.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	67772	5.67	ug/L	0.00
32) Benzene-d6	5.09	84	257107	5.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	79156	5.86	ug/L	0.00
41) Toluene-d8	7.36	98	239747	5.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	30274	6.30	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	130756	68.12	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53700	5.33	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	79620	5.20	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	89065	5.226 ug/L	98
3) Chloromethane	1.25	50	86691	5.988 ug/L	99
5) Vinyl chloride	1.32	62	84656	5.790 ug/L	93
6) Bromomethane	1.53	94	43670	4.959 ug/L	96
8) Chloroethane	1.60	64	53277	8.315 ug/L	89
9) Trichlorofluoromethane	1.76	101	113998	4.878 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	59306	4.827 ug/L	91
12) 1,1-Dichloroethene	2.14	96	55223	4.947 ug/L	87
13) Acetone	2.22	43	105242	68.638 ug/L	93
14) Carbon disulfide	2.31	76	171585	5.616 ug/L	100
15) Methyl Acetate	2.47	43	26550	5.597 ug/L	97
16) Methylene chloride	2.53	84	58201	4.367 ug/L #	79
17) Methyl tert-butyl Ether	2.81	73	154557	5.830 ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	65024	5.085 ug/L	93
19) 1,1-Dichloroethane	3.23	63	125677	5.367 ug/L	98
21) 2-Butanone	4.05	43	165458	63.494 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	69686	5.076 ug/L	76
23) Bromochloromethane	4.30	128	27995	4.816 ug/L	82
25) Chloroform	4.43	83	130519	5.215 ug/L	99
27) 1,2-Dichloroethane	5.18	62	79082	5.517 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	107362	5.302 ug/L	96
30) Cyclohexane	4.72	56	118310	6.209 ug/L	95
31) Carbon tetrachloride	4.87	117	89058	4.916 ug/L	100
33) Benzene	5.14	78	276975	5.701 ug/L	100
34) Trichloroethene	5.96	95	69759	5.100 ug/L	96
35) Methylcyclohexane	6.17	83	112734	5.689 ug/L	96
37) 1,2-Dichloropropane	6.22	63	67871	5.717 ug/L	100
38) Bromodichloromethane	6.56	83	83176	5.495 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	100427	6.242 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	435704	66.854 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	294281	5.415	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	75149	5.988	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	42796	5.074	ug/L	91
47) Tetrachloroethene	8.02	164	50271	4.656	ug/L	99
48) 2-Hexanone	8.19	43	311327	66.596	ug/L	97
49) Dibromochloromethane	8.29	129	50685	5.160	ug/L	100
50) 1,2-Dibromoethane	8.40	107	41950	5.566	ug/L	97
51) Chlorobenzene	8.92	112	177776	5.031	ug/L	93
52) Ethylbenzene	9.05	91	325146	5.641	ug/L	99
53) m,p-xylene	9.18	106	119880	5.430	ug/L	94
54) o-xylene	9.59	106	118976	5.535	ug/L	97
55) Styrene	9.60	104	199816	5.603	ug/L	96
56) Isopropylbenzene	9.97	105	313507	5.620	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	53186	5.583	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	39492	5.849	ug/L	96
61) Bromoform	9.77	173	23759	4.838	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	130409	4.990	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	124397	4.777	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	121362	4.885	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8318	5.841	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.69	180	93885	4.788	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	71464	4.858	ug/L	99
69) Naphthalene	13.55	128	120129	5.339	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	66639	5.079	ug/L	97

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

