

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060419\
 Data File : VV011205.D
 Acq On : 04 Jun 2019 14:18
 Operator : SY/MD
 Sample : VSTD01040
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01040

Quant Time: Jun 04 14:47:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 14:12:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	192727	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	183711	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	86717	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	138669	12.25	ug/L	0.00
7) Chloroethane-d5	1.58	69	112512	15.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	286791	12.70	ug/L	0.00
20) 2-Butanone-d5	3.96	46	326107	122.60	ug/L	0.00
24) Chloroform-d	4.40	84	250889	9.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	134493	10.92	ug/L	0.00
32) Benzene-d6	5.09	84	526169	11.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	158013	11.22	ug/L	0.00
41) Toluene-d8	7.36	98	491207	10.73	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	63976	12.77	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	263892	131.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	110494	10.52	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	160736	9.86	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	187762	10.696	ug/L 98
3) Chloromethane	1.25	50	169948	11.395	ug/L 99
5) Vinyl chloride	1.32	62	172684	11.464	ug/L 98
6) Bromomethane	1.53	94	85306	9.404	ug/L 98
8) Chloroethane	1.60	64	105080	15.920	ug/L 94
9) Trichlorofluoromethane	1.76	101	240510	9.989	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	121598	9.607	ug/L 97
12) 1,1-Dichloroethene	2.13	96	115586	10.051	ug/L 96
13) Acetone	2.22	43	211360	133.816	ug/L 99
14) Carbon disulfide	2.31	76	362324	11.512	ug/L 100
15) Methyl Acetate	2.47	43	53446	10.938	ug/L 95
16) Methylene chloride	2.53	84	118511	8.631	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	314620	11.521	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	134903	10.240	ug/L 97
19) 1,1-Dichloroethane	3.22	63	264748	10.974	ug/L 99
21) 2-Butanone	4.04	43	353401	131.649	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	145810	10.311	ug/L # 96
23) Bromochloromethane	4.30	128	55625	9.289	ug/L 89
25) Chloroform	4.42	83	268942	10.432	ug/L 98
27) 1,2-Dichloroethane	5.18	62	163888	11.100	ug/L 99
29) 1,1,1-Trichloroethane	4.65	97	226017	10.713	ug/L 100
30) Cyclohexane	4.72	56	254284	12.807	ug/L 99
31) Carbon tetrachloride	4.87	117	195275	10.344	ug/L 99
33) Benzene	5.14	78	567799	11.217	ug/L 100
34) Trichloroethene	5.96	95	148336	10.407	ug/L 98
35) Methylcyclohexane	6.17	83	239898	11.618	ug/L 100
37) 1,2-Dichloropropane	6.22	63	139819	11.303	ug/L 100
38) Bromodichloromethane	6.55	83	177798	11.272	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	211544	12.618	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	911116	134.164	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	616030	10.878	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	165399	12.648	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	91385	10.397	ug/L	98
47) Tetrachloroethene	8.02	164	108584	9.652	ug/L	99
48) 2-Hexanone	8.19	43	656057	134.679	ug/L	99
49) Dibromochloromethane	8.29	129	107162	10.471	ug/L	99
50) 1,2-Dibromoethane	8.40	107	85432	10.878	ug/L	99
51) Chlorobenzene	8.92	112	372247	10.109	ug/L	100
52) Ethylbenzene	9.05	91	694008	11.555	ug/L	99
53) m,p-xylene	9.18	106	257101	11.176	ug/L	99
54) o-xylene	9.59	106	251132	11.213	ug/L	100
55) Styrene	9.60	104	416224	11.201	ug/L	97
56) Isopropylbenzene	9.97	105	676817	11.644	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	109885	11.069	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	80718	11.474	ug/L	97
61) Bromoform	9.77	173	51826	9.913	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	275601	9.905	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	271995	9.810	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	256126	9.683	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	17837	11.765	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	205648	9.851	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	163885	10.463	ug/L	95
69) Naphthalene	13.55	128	284365	11.870	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	148226	10.612	ug/L	97

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

