

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022819\
 Data File : VV009417.D
 Acq On : 28 Feb 2019 11:53
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01064

Quant Time: Mar 01 03:28:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 03:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	115208	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	111853	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54755	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62227	9.93	ug/L	0.00
7) Chloroethane-d5	1.58	69	53207	11.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	158253	12.30	ug/L	0.00
20) 2-Butanone-d5	3.98	46	132643	89.72	ug/L	0.00
24) Chloroform-d	4.40	84	125297	8.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	63530	9.43	ug/L	0.00
32) Benzene-d6	5.10	84	257044	8.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	76287	9.02	ug/L	0.00
41) Toluene-d8	7.36	98	258078	9.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	34984	10.66	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	113281	93.25	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	61566	10.54	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	94490	9.37	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	69827	6.800	ug/L 99
3) Chloromethane	1.25	50	74388	10.042	ug/L 97
5) Vinyl chloride	1.32	62	82988	10.793	ug/L 96
6) Bromomethane	1.54	94	55126	11.835	ug/L 100
8) Chloroethane	1.60	64	52305	11.566	ug/L 96
9) Trichlorofluoromethane	1.77	101	180170	13.561	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	85590	12.143	ug/L 98
12) 1,1-Dichloroethene	2.14	96	76151	12.385	ug/L 97
13) Acetone	2.23	43	112759	124.977	ug/L 100
14) Carbon disulfide	2.32	76	250795	13.169	ug/L 99
15) Methyl Acetate	2.48	43	28237	13.338	ug/L 99
16) Methylene chloride	2.54	84	75944	11.383	ug/L 95
17) Methyl tert-butyl Ether	2.81	73	191890	12.546	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	81461	12.110	ug/L 95
19) 1,1-Dichloroethane	3.23	63	104465	7.816	ug/L 98
21) 2-Butanone	4.06	43	142089	91.817	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	76749	9.245	ug/L 98
23) Bromochloromethane	4.30	128	31253	8.897	ug/L 92
25) Chloroform	4.43	83	132252	9.135	ug/L 98
27) 1,2-Dichloroethane	5.18	62	79935	9.668	ug/L 98
29) 1,1,1-Trichloroethane	4.66	97	125739	9.550	ug/L 98
30) Cyclohexane	4.72	56	118642	9.362	ug/L 97
31) Carbon tetrachloride	4.87	117	103920	8.911	ug/L 99
33) Benzene	5.15	78	290251	9.244	ug/L 100
34) Trichloroethene	5.96	95	81237	8.908	ug/L 97
35) Methylcyclohexane	6.17	83	132334	9.208	ug/L 97
37) 1,2-Dichloropropane	6.22	63	71751	9.380	ug/L 100
38) Bromodichloromethane	6.56	83	99505	10.200	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	114460	10.330	ug/L 96
40) 4-Methyl-2-pentanone	7.28	43	381765	97.122	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	339203	9.892	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	92888	10.841	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	51278	9.437	ug/L	98
47) Tetrachloroethene	8.02	164	65093	8.976	ug/L	98
48) 2-Hexanone	8.19	43	275285	99.649	ug/L	97
49) Dibromochloromethane	8.29	129	68682	10.655	ug/L	97
50) 1,2-Dibromoethane	8.40	107	49758	9.756	ug/L	99
51) Chlorobenzene	8.93	112	221031	9.766	ug/L	99
52) Ethylbenzene	9.06	91	388563	10.271	ug/L	98
53) m,p-xylene	9.18	106	156760	10.782	ug/L	98
54) o-xylene	9.59	106	149830	10.747	ug/L	100
55) Styrene	9.60	104	244518	10.722	ug/L	98
56) Isopropylbenzene	9.98	105	397008	10.591	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	62971	11.142	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	42409	9.289	ug/L	98
61) Bromoform	9.78	173	36031	10.873	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	175778	9.844	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	174814	9.686	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	158207	9.665	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	11083	12.568	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	126278	9.630	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	103674	10.559	ug/L	99
69) Naphthalene	13.55	128	178910	12.256	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	91998	10.093	ug/L	98

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

