

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031719\
 Data File : VV009729.D
 Acq On : 16 Mar 2019 14:49
 Operator : SY/MD
 Sample : VSTD01063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01063

Quant Time: Mar 18 07:23:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 07:20:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	151577	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	141487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58259	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9603	10.59	ug/L	0.00
7) Chloroethane-d5	1.56	69	7612	8.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	19883	8.65	ug/L	0.00
21) 2-Butanone-d5	3.94	46	10710	16.54	ug/L	0.00
24) Chloroform-d	4.40	84	16825	8.81	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	10142	8.16	ug/L	0.00
32) Benzene-d6	5.10	84	35234	9.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	11215	10.35	ug/L	0.00
41) Toluene-d8	7.36	98	33250	9.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4450	8.04	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	7782	16.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	15270	8.87	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	10586	8.81	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	9700	9.685	ug/L 96
3) Chloromethane	1.25	50	9810	10.360	ug/L 94
5) Vinyl chloride	1.33	62	10478	10.359	ug/L 96
6) Bromomethane	1.51	94	5692	7.251	ug/L 97
8) Chloroethane	1.58	64	6350	8.543	ug/L 89
9) Trichlorofluoromethane	1.76	101	17197	8.477	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	9278	8.235	ug/L 96
12) 1,1-Dichloroethene	2.14	96	8096	8.391	ug/L 92
13) Acetone	2.19	43	9725	13.940	ug/L 92
14) Carbon disulfide	2.32	76	23415	9.378	ug/L 97
15) Methyl Acetate	2.46	43	9237	10.063	ug/L 97
16) Methylene chloride	2.54	84	9378	9.556	ug/L 95
17) trans-1,2-Dichloroethene	2.79	96	8678	9.443	ug/L 98
18) Methyl tert-butyl Ether	2.81	73	27506	9.404	ug/L 99
19) 1,1-Dichloroethane	3.23	63	15051	9.005	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	9949	9.336	ug/L 91
22) 2-Butanone	4.03	43	11734	15.454	ug/L 97
23) Bromochloromethane	4.30	128	4966	9.273	ug/L # 88
25) Chloroform	4.43	83	17046	9.097	ug/L 98
27) 1,2-Dichloroethane	5.18	62	12489	8.638	ug/L # 89
29) Cyclohexane	4.72	56	13989	9.936	ug/L 96
30) 1,1,1-Trichloroethane	4.66	97	14207	9.466	ug/L 98
31) Carbon tetrachloride	4.87	117	10863	8.606	ug/L 99
33) Benzene	5.15	78	35213	9.721	ug/L 100
34) Trichloroethene	5.96	95	9068	9.362	ug/L 88
35) Methylcyclohexane	6.18	83	14269	9.030	ug/L 92
37) 1,2-Dichloropropane	6.22	63	9192	9.920	ug/L # 97
38) Bromodichloromethane	6.56	83	11637	9.021	ug/L # 96
39) cis-1,3-Dichloropropene	7.07	75	12596	8.597	ug/L 99
40) 4-Methyl-2-pentanone	7.27	43	22779	18.422	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	38941	9.447	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	11576	8.504	ug/L	94
45) 1,1,2-Trichloroethane	7.88	97	9390	9.775	ug/L	96
46) Tetrachloroethene	8.02	164	7613	9.917	ug/L	97
48) 2-Hexanone	8.19	43	15330	15.736	ug/L	97
49) Dibromochloromethane	8.29	129	9344	8.852	ug/L	93
50) 1,2-Dibromoethane	8.40	107	9435	9.340	ug/L #	99
51) Chlorobenzene	8.93	112	26069	9.465	ug/L	93
52) Ethylbenzene	9.06	91	42618	9.131	ug/L	97
53) m,p-Xylene	9.19	106	16122	9.010	ug/L	95
54) o-Xylene	9.59	106	16582	9.195	ug/L	94
55) Styrene	9.61	104	24839	8.541	ug/L	98
56) Isopropylbenzene	9.98	105	41766	8.911	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	15596	9.332	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	11528	9.310	ug/L	98
61) Bromoform	9.78	173	5786	8.716	ug/L #	93
62) 1,3-Dichlorobenzene	11.23	146	16671	9.220	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	17259	9.676	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	17206	9.308	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.48	75	2136	7.744	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	9850	8.389	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	5174	6.288	ug/L	96
69) Naphthalene	13.55	128	13786	6.020	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	5232	6.126	ug/L	94

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

