

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031719\
 Data File : VV009731.D
 Acq On : 16 Mar 2019 15:38
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Quant Time: Mar 18 07:24:41 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	5.66	114	143487	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145345	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71826	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100173	116.72	ug/L	0.00
7) Chloroethane-d5	1.55	69	72371	87.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	214186	98.41	ug/L	0.00
21) 2-Butanone-d5	3.93	46	126353	206.10	ug/L	0.00
24) Chloroform-d	4.40	84	188012	103.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	112549	95.67	ug/L	0.00
32) Benzene-d6	5.10	84	392751	104.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	116412	104.60	ug/L	0.00
41) Toluene-d8	7.36	98	373455	102.25	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	59942	105.45	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	102974	212.41	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	186370	105.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	148885	100.46	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	111956	118.090	ug/L	100
3) Chloromethane	1.25	50	103564	115.535	ug/L	98
5) Vinyl chloride	1.32	62	114580	119.662	ug/L	100
6) Bromomethane	1.51	94	57597	77.504	ug/L	100
8) Chloroethane	1.57	64	66315	94.247	ug/L	95
9) Trichlorofluoromethane	1.75	101	192072	100.018	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	104232	97.731	ug/L	99
12) 1,1-Dichloroethene	2.13	96	91839	100.555	ug/L	93
13) Acetone	2.19	43	122482	185.461	ug/L	100
14) Carbon disulfide	2.31	76	273312	115.631	ug/L	99
15) Methyl Acetate	2.46	43	96355	110.888	ug/L	99
16) Methylene chloride	2.53	84	105996	114.100	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	99058	113.865	ug/L	97
18) Methyl tert-butyl Ether	2.80	73	313137	113.092	ug/L	100
19) 1,1-Dichloroethane	3.23	63	171367	108.313	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	114046	113.051	ug/L	93
22) 2-Butanone	4.02	43	156807	218.161	ug/L	100
23) Bromochloromethane	4.30	128	58053	114.516	ug/L	96
25) Chloroform	4.42	83	189733	106.964	ug/L	97
27) 1,2-Dichloroethane	5.18	62	143085	104.541	ug/L	98
29) Cyclohexane	4.72	56	163891	113.314	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	168511	109.291	ug/L	99
31) Carbon tetrachloride	4.87	117	145752	112.405	ug/L	98
33) Benzene	5.15	78	419159	112.644	ug/L	100
34) Trichloroethene	5.96	95	110420	110.973	ug/L	99
35) Methylcyclohexane	6.18	83	186620	114.967	ug/L	99
37) 1,2-Dichloropropane	6.22	63	107551	112.988	ug/L	99
38) Bromodichloromethane	6.56	83	146562	110.602	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	174910	116.212	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	292385	230.186	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	466851	110.251	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	166902	119.353	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	109251	110.714	ug/L	99
46) Tetrachloroethene	8.02	164	87846	111.390	ug/L	98
48) 2-Hexanone	8.19	43	231143	230.970	ug/L	98
49) Dibromochloromethane	8.29	129	124726	115.023	ug/L	99
50) 1,2-Dibromoethane	8.40	107	117826	113.543	ug/L	99
51) Chlorobenzene	8.93	112	315093	111.370	ug/L	100
52) Ethylbenzene	9.06	91	546432	113.964	ug/L	100
53) m,p-Xylene	9.18	106	212672	115.699	ug/L	99
54) o-Xylene	9.59	106	211250	114.032	ug/L	99
55) Styrene	9.60	104	362893	121.465	ug/L	99
56) Isopropylbenzene	9.98	105	562121	116.744	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	196651	114.550	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	146440	115.124	ug/L	98
61) Bromoform	9.78	173	93564	114.316	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	248926	111.663	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	255336	116.115	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	250756	110.029	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	38290	112.600	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	169118	116.827	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	138835	136.851	ug/L	100
69) Naphthalene	13.55	128	411987	145.927	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	139957	132.927	ug/L	97

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

