

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031719\
 Data File : VV009732.D
 Acq On : 16 Mar 2019 16:02
 Operator : SY/MD
 Sample : VSTD20066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20066

Quant Time: Mar 18 07:25:15 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	153275	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	156613	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81589	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	201250	219.52	ug/L	0.00
7) Chloroethane-d5	1.55	69	120009	136.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	431639	185.65	ug/L	0.00
21) 2-Butanone-d5	3.93	46	263270	402.00	ug/L	0.00
24) Chloroform-d	4.40	84	380883	197.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	234833	186.87	ug/L	0.00
32) Benzene-d6	5.10	84	770503	190.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	234301	195.37	ug/L	0.00
41) Toluene-d8	7.36	98	759562	192.99	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	127160	207.61	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	217350	416.09	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	391278	205.41	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	313754	186.38	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	212433	209.763	ug/L	99
3) Chloromethane	1.25	50	196792	205.520	ug/L	98
5) Vinyl chloride	1.32	62	216880	212.035	ug/L	99
6) Bromomethane	1.51	94	110989	139.812	ug/L	100
8) Chloroethane	1.57	64	125246	166.633	ug/L	96
9) Trichlorofluoromethane	1.75	101	364158	177.519	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	195140	171.284	ug/L	99
12) 1,1-Dichloroethene	2.13	96	170861	175.130	ug/L	96
13) Acetone	2.19	43	221060	313.352	ug/L	100
14) Carbon disulfide	2.31	76	528503	209.317	ug/L	100
15) Methyl Acetate	2.46	43	183754	197.965	ug/L	100
16) Methylene chloride	2.53	84	203883	205.456	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	191051	205.585	ug/L	96
18) Methyl tert-butyl Ether	2.81	73	615439	208.077	ug/L	99
19) 1,1-Dichloroethane	3.23	63	335265	198.373	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	222033	206.041	ug/L	93
22) 2-Butanone	4.02	43	299351	389.883	ug/L	98
23) Bromochloromethane	4.30	128	107159	197.884	ug/L	91
25) Chloroform	4.43	83	363292	191.730	ug/L	98
27) 1,2-Dichloroethane	5.18	62	281015	192.205	ug/L	99
29) Cyclohexane	4.72	56	311581	199.928	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	327929	197.383	ug/L	99
31) Carbon tetrachloride	4.87	117	287908	206.062	ug/L	98
33) Benzene	5.15	78	793876	197.995	ug/L	100
34) Trichloroethene	5.96	95	209697	195.584	ug/L	99
35) Methylcyclohexane	6.18	83	348421	199.202	ug/L	98
37) 1,2-Dichloropropane	6.22	63	202767	197.691	ug/L	99
38) Bromodichloromethane	6.56	83	286242	200.468	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	339797	209.522	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	584403	426.981	ug/L	98

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42) Toluene	7.43	91	901584	197.597	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	332461	220.640	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	208316	195.918	ug/L	96
46) Tetrachloroethene	8.02	164	164204	193.232	ug/L	98
48) 2-Hexanone	8.19	43	488101	452.644	ug/L	96
49) Dibromochloromethane	8.29	129	251141	214.940	ug/L	99
50) 1,2-Dibromoethane	8.40	107	224534	200.804	ug/L	97
51) Chlorobenzene	8.93	112	609105	199.799	ug/L	99
52) Ethylbenzene	9.06	91	1067114	206.545	ug/L	99
53) m,p-Xylene	9.18	106	419813	211.957	ug/L	97
54) o-Xylene	9.59	106	423499	212.156	ug/L	95
55) Styrene	9.61	104	774783	240.671	ug/L	99
56) Isopropylbenzene	9.98	105	1148939	221.450	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	385820	208.572	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	284494	207.564	ug/L	99
61) Bromoform	9.78	173	202073	217.348	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	496771	196.176	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	499921	200.137	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	504771	194.984	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	80017	207.150	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	341935	207.944	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	285226	247.508	ug/L	99
69) Naphthalene	13.55	128	878921	274.064	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	287495	240.381	ug/L	97

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

