

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101119\
 Data File : VV013106.D
 Acq On : 11 Oct 2019 17:05
 Operator : SY/MD
 Sample : VSTD00564
 Misc : 5.00ML/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Quant Time: Oct 12 00:57:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 12 00:51:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	737045	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	683239	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	306553	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21562	4.63	ug/L	0.00
7) Chloroethane-d5	1.58	69	16402	4.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	44429	5.06	ug/L	0.00
21) 2-Butanone-d5	3.95	46	28038	8.00	ug/L	0.02
24) Chloroform-d	4.40	84	41172	4.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	25451	4.60	ug/L	0.00
32) Benzene-d6	5.10	84	82361	4.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	25682	4.50	ug/L	0.00
41) Toluene-d8	7.36	98	72053	4.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	11360	4.39	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	15090	6.64	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	31734	4.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	28002	4.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	35206	6.158 ug/L	98
3) Chloromethane	1.25	50	39210	6.027 ug/L	99
5) Vinyl chloride	1.33	62	37788	6.046 ug/L	100
6) Bromomethane	1.54	94	21089	6.595 ug/L	99
8) Chloroethane	1.60	64	21283	5.725 ug/L	99
9) Trichlorofluoromethane	1.77	101	48265	6.018 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	27976	5.922 ug/L	98
12) 1,1-Dichloroethene	2.14	96	27256	5.963 ug/L	87
13) Acetone	2.20	43	41494	12.900 ug/L	99
14) Carbon disulfide	2.32	76	80177	6.048 ug/L	99
15) Methyl Acetate	2.46	43	31658	5.554 ug/L	99
16) Methylene chloride	2.54	84	32522	5.980 ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	28513	5.750 ug/L	98
18) Methyl tert-butyl Ether	2.80	73	82772	5.530 ug/L	99
19) 1,1-Dichloroethane	3.23	63	54104	5.784 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	31991	5.700 ug/L	96
22) 2-Butanone	4.03	43	40872	9.983 ug/L	99
23) Bromochloromethane	4.30	128	16562	5.810 ug/L	96
25) Chloroform	4.42	83	55689	5.909 ug/L	98
27) 1,2-Dichloroethane	5.18	62	41549	5.751 ug/L	98
29) Cyclohexane	4.72	56	44359	5.421 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	43841	5.783 ug/L	99
31) Carbon tetrachloride	4.87	117	39320	5.837 ug/L	98
33) Benzene	5.15	78	119073	5.722 ug/L	100
34) Trichloroethene	5.96	95	32728	5.907 ug/L	98
35) Methylcyclohexane	6.17	83	45650	5.447 ug/L	96
37) 1,2-Dichloropropane	6.22	63	30299	5.623 ug/L	98
38) Bromodichloromethane	6.55	83	38575	5.626 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	41523	5.210 ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	69222	9.813 ug/L	97

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

42) Toluene	7.43	91	116488	5.437	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	34823	5.041	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	29459	5.758	ug/L	98
46) Tetrachloroethene	8.02	164	25430	5.797	ug/L	99
48) 2-Hexanone	8.19	43	53921	9.885	ug/L	98
49) Dibromochloromethane	8.29	129	30211	5.418	ug/L	99
50) 1,2-Dibromoethane	8.40	107	29909	5.593	ug/L	98
51) Chlorobenzene	8.92	112	80232	5.711	ug/L	98
52) Ethylbenzene	9.05	91	120259	5.255	ug/L	100
53) m,p-Xylene	9.18	106	42973	4.992	ug/L	97
54) o-xylene	9.59	106	44461	5.155	ug/L	95
55) Styrene	9.60	104	68476	4.834	ug/L	97
56) Isopropylbenzene	9.97	105	111280	5.024	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	39664	5.333	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	36929	5.629	ug/L	98
61) Bromoform	9.77	173	21325	5.528	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	57354	5.785	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	58866	5.913	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	59039	5.850	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	7573	5.159	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	39391	5.572	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	30998	5.112	ug/L	98
69) Naphthalene	13.55	128	71803	4.298	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	34020	5.245	ug/L	98

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

