

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090119\
 Data File : VV012504.D
 Acq On : 01 Sep 2019 12:35
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Quant Time: Sep 02 02:51:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 02 02:48:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	329855	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	330888	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	157781	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108125	48.22	ug/L	0.00
7) Chloroethane-d5	1.58	69	124978	50.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	289870	47.85	ug/L	0.00
21) 2-Butanone-d5	3.93	46	184566	101.92	ug/L	0.00
24) Chloroform-d	4.40	84	224074	49.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	146562	50.06	ug/L	0.00
32) Benzene-d6	5.10	84	388537	48.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	134919	47.48	ug/L	0.00
41) Toluene-d8	7.36	98	371568	49.02	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	60987	46.27	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	115061	102.45	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	197144	49.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	147783	47.09	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	134697	50.955	ug/L 100
3) Chloromethane	1.25	50	169756	50.219	ug/L 100
5) Vinyl chloride	1.32	62	179404	50.835	ug/L 100
6) Bromomethane	1.54	94	148011	51.743	ug/L 100
8) Chloroethane	1.60	64	140572	54.291	ug/L 100
9) Trichlorofluoromethane	1.77	101	270350	50.543	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	156568	50.686	ug/L 100
12) 1,1-Dichloroethene	2.14	96	148838	50.003	ug/L 100
13) Acetone	2.20	43	200594	103.971	ug/L 100
14) Carbon disulfide	2.32	76	318713	49.579	ug/L 100
15) Methyl Acetate	2.46	43	145129	51.299	ug/L 100
16) Methylene chloride	2.54	84	128753	50.034	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	115185	49.653	ug/L 100
18) Methyl tert-butyl Ether	2.80	73	361006	49.505	ug/L 100
19) 1,1-Dichloroethane	3.23	63	236224	50.268	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	129266	50.403	ug/L 100
22) 2-Butanone	4.02	43	227610	108.269	ug/L 100
23) Bromochloromethane	4.30	128	61363	49.815	ug/L 100
25) Chloroform	4.43	83	239097	50.035	ug/L 100
27) 1,2-Dichloroethane	5.18	62	204706	51.201	ug/L 100
29) Cyclohexane	4.73	56	206171	50.059	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	192750	48.470	ug/L 100
31) Carbon tetrachloride	4.88	117	163348	48.312	ug/L 100
33) Benzene	5.15	78	512732	49.759	ug/L 100
34) Trichloroethene	5.96	95	132989	46.745	ug/L 100
35) Methylcyclohexane	6.18	83	208325	50.475	ug/L 100
37) 1,2-Dichloropropane	6.22	63	136973	49.351	ug/L 100
38) Bromodichloromethane	6.55	83	181608	49.635	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	194062	48.778	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	398226	102.530	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	554401	51.249	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	177191	49.218	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	123409	49.192	ug/L	100
46) Tetrachloroethene	8.02	164	92548	48.341	ug/L	100
48) 2-Hexanone	8.18	43	333856	109.775	ug/L	100
49) Dibromochloromethane	8.29	129	129253	49.134	ug/L	100
50) 1,2-Dibromoethane	8.40	107	126324	48.688	ug/L	100
51) Chlorobenzene	8.92	112	333063	49.033	ug/L	100
52) Ethylbenzene	9.05	91	599026	51.096	ug/L	100
53) m,p-Xylene	9.18	106	215645	51.213	ug/L	100
54) o-xylene	9.59	106	212278	50.532	ug/L	100
55) Styrene	9.60	104	369358	51.921	ug/L	100
56) Isopropylbenzene	9.97	105	565881	51.661	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	195954	52.668	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	167493	49.780	ug/L	100
61) Bromoform	9.77	173	84379	48.730	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	245934	49.361	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	246404	47.792	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	248382	49.301	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	41216	48.545	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	162131	48.714	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	131764	48.136	ug/L	100
69) Naphthalene	13.55	128	408285	47.708	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	144450	51.290	ug/L	100

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

