

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103119\
 Data File : VU035559.D
 Acq On : 30 Oct 2019 14:11
 Operator : JC/SP
 Sample : VSTD05032
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05032

Quant Time: Oct 30 22:51:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 23:48:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	703388	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	694901	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	319901	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	291114	51.94	ug/L	0.00
7) Chloroethane-d5	1.93	69	233505	50.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	450347	49.04	ug/L	0.00
21) 2-Butanone-d5	4.69	46	335118	93.30	ug/L	0.00
24) Chloroform-d	5.12	84	446343	49.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	270416	47.29	ug/L	0.00
32) Benzene-d6	5.77	84	931899	50.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	302400	50.15	ug/L	0.00
41) Toluene-d8	7.93	98	894597	52.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	139907	49.69	ug/L	0.00
47) 2-Hexanone-d5	8.68	63	228628	102.41	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	415902	49.07	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	305814	48.78	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	276692	46.683	ug/L 100
3) Chloromethane	1.54	50	302765	47.445	ug/L 100
5) Vinyl chloride	1.62	62	320296	46.635	ug/L 100
6) Bromomethane	1.87	94	152928	48.141	ug/L 100
8) Chloroethane	1.95	64	185566	46.031	ug/L 100
9) Trichlorofluoromethane	2.16	101	383844	48.377	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	221288	47.695	ug/L 100
12) 1,1-Dichloroethene	2.61	96	218370	49.444	ug/L 100
13) Acetone	2.67	43	289196	83.104	ug/L 100
14) Carbon disulfide	2.83	76	645453	45.678	ug/L 100
15) Methyl Acetate	2.99	43	263465	45.213	ug/L 100
16) Methylene chloride	3.09	84	260164	47.710	ug/L 100
17) trans-1,2-Dichloroethene	3.40	96	224712	48.079	ug/L 100
18) Methyl tert-butyl Ether	3.42	73	694695	47.734	ug/L 100
19) 1,1-Dichloroethane	3.92	63	440568	46.330	ug/L 100
20) cis-1,2-Dichloroethene	4.72	96	257515	48.887	ug/L 100
22) 2-Butanone	4.77	43	389298	88.635	ug/L 100
23) Bromochloromethane	5.03	128	135267	50.013	ug/L 100
25) Chloroform	5.14	83	447224	47.360	ug/L 100
27) 1,2-Dichloroethane	5.84	62	325148	45.239	ug/L 100
29) Cyclohexane	5.43	56	366007	47.604	ug/L 100
30) 1,1,1-Trichloroethane	5.37	97	366281	48.271	ug/L 100
31) Carbon tetrachloride	5.57	117	326802	48.780	ug/L 100
33) Benzene	5.82	78	990989	48.242	ug/L 100
34) Trichloroethene	6.58	95	245493	48.288	ug/L 100
35) Methylcyclohexane	6.80	83	371615	51.905	ug/L 100
37) 1,2-Dichloropropane	6.84	63	267953	47.581	ug/L 100
38) Bromodichloromethane	7.15	83	331361	47.509	ug/L 100
39) cis-1,3-Dichloropropene	7.65	75	405528	48.859	ug/L 100
40) 4-Methyl-2-pentanone	7.84	43	690520	90.926	ug/L 100

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42) Toluene	8.01	91	1068282	50.118	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	365408	48.322	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	250611	48.530	ug/L	100
46) Tetrachloroethene	8.59	164	207627	51.533	ug/L	100
48) 2-Hexanone	8.73	43	501003	82.102	ug/L	100
49) Dibromochloromethane	8.84	129	280638	50.131	ug/L	100
50) 1,2-Dibromoethane	8.96	107	269922	49.589	ug/L	100
51) Chlorobenzene	9.48	112	678737	48.952	ug/L	100
52) Ethylbenzene	9.60	91	1125451	49.711	ug/L	100
53) m,p-Xylene	9.73	106	429963	51.179	ug/L	100
54) o-xylene	10.13	106	422906	51.343	ug/L	100
55) Styrene	10.14	104	711016	52.795	ug/L	100
56) Isopropylbenzene	10.51	105	1064323	51.229	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	429500	47.236	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	333625	46.392	ug/L	100
61) Bromoform	10.32	173	221420	45.925	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	484306	47.827	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	478728	46.447	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	486998	47.201	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	72027	42.730	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	282262	53.007	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	172099	51.148	ug/L	100
69) Naphthalene	14.11	128	382922	41.958	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	185748	53.211	ug/L	100

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

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