

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029914.D
 Acq On : 09 Mar 2019 12:27
 Operator : JC/SP
 Sample : VSTD10045
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10045

Quant Time: Mar 11 01:59:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 01:54:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	538573	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	535413	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	289756	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	337903	88.24	ug/L	0.00
7) Chloroethane-d5	1.67	69	278547	82.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	628873	85.61	ug/L	0.00
21) 2-Butanone-d5	4.17	46	538918	221.29	ug/L	0.00
24) Chloroform-d	4.64	84	657831	102.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	377432	94.09	ug/L	0.00
32) Benzene-d6	5.34	84	1366759	101.43	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	413440	102.17	ug/L	0.00
41) Toluene-d8	7.56	98	1326261	97.21	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	202835	96.15	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	474680	211.26	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	661287	97.63	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	561377	91.72	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	417707	109.094	ug/L 99
3) Chloromethane	1.33	50	527678	142.370	ug/L 99
5) Vinyl chloride	1.40	62	434010	98.660	ug/L 100
6) Bromomethane	1.61	94	119249	63.653	ug/L 99
8) Chloroethane	1.69	64	255757	88.378	ug/L 99
9) Trichlorofluoromethane	1.88	101	565303	83.212	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	347858	94.629	ug/L 99
12) 1,1-Dichloroethene	2.28	96	338880	96.630	ug/L 91
13) Acetone	2.32	43	536067	202.602	ug/L 99
14) Carbon disulfide	2.47	76	1057199	109.579	ug/L 99
15) Methyl Acetate	2.61	43	394007	113.148	ug/L 99
16) Methylene chloride	2.70	84	394543	110.471	ug/L 100
17) trans-1,2-Dichloroethene	2.98	96	363276	107.662	ug/L 99
18) Methyl tert-butyl Ether	3.00	73	969919	97.252	ug/L 99
19) 1,1-Dichloroethane	3.44	63	616943	105.489	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	413542	105.680	ug/L 99
22) 2-Butanone	4.26	43	666188	219.846	ug/L 99
23) Bromochloromethane	4.54	128	202559	96.681	ug/L 98
25) Chloroform	4.67	83	652914	101.130	ug/L 99
27) 1,2-Dichloroethane	5.40	62	474275	97.092	ug/L 98
29) Cyclohexane	4.99	56	577635	106.784	ug/L 100
30) 1,1,1-Trichloroethane	4.91	97	552933	96.984	ug/L 100
31) Carbon tetrachloride	5.13	117	484445	94.539	ug/L 100
33) Benzene	5.39	78	1476261	105.528	ug/L 100
34) Trichloroethene	6.18	95	384629	102.929	ug/L 99
35) Methylcyclohexane	6.41	83	639555	102.721	ug/L 99
37) 1,2-Dichloropropane	6.43	63	375771	102.907	ug/L 100
38) Bromodichloromethane	6.75	83	480447	98.514	ug/L 99
39) cis-1,3-Dichloropropene	7.26	75	596031	102.666	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	1040393	204.386	ug/L 100

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42) Toluene	7.63	91	1628038	99.701	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	535264	98.196	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	376794	97.790	ug/L	99
46) Tetrachloroethene	8.22	164	335972	93.466	ug/L	98
48) 2-Hexanone	8.36	43	892524	201.054	ug/L	99
49) Dibromochloromethane	8.47	129	426306	93.102	ug/L	99
50) 1,2-Dibromoethane	8.58	107	413332	97.142	ug/L	99
51) Chlorobenzene	9.12	112	1080482	97.298	ug/L	100
52) Ethylbenzene	9.25	91	1816434	98.794	ug/L	100
53) m,p-Xylene	9.37	106	708940	96.588	ug/L	98
54) o-xylene	9.77	106	696950	94.768	ug/L	100
55) Styrene	9.79	104	1169034	94.772	ug/L	98
56) Isopropylbenzene	10.16	105	1808007	94.020	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	676481	99.402	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	506734	98.484	ug/L	99
61) Bromoform	9.95	173	345833	89.718	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	898428	97.286	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	907549	97.527	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	907605	94.387	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	147104	99.228	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	694746	98.633	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	635173	103.782	ug/L	99
69) Naphthalene	13.74	128	1980725	106.001	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	649726	100.027	ug/L	100

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

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