

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092518\
 Data File : VU027126.D
 Acq On : 25 Sep 2018 11:58
 Operator : MD/SY
 Sample : VSTD10053
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10053

Quant Time: Sep 26 01:44:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 01:42:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	179193	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	176132	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85686	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	164567	103.23	ug/L	0.00
7) Chloroethane-d5	1.67	69	129795	103.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	307959	101.56	ug/L	0.00
21) 2-Butanone-d5	4.18	46	279327	215.49	ug/L	0.00
24) Chloroform-d	4.65	84	267800	105.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	184923	101.92	ug/L	0.00
32) Benzene-d6	5.34	84	539055	103.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	189887	102.23	ug/L	0.00
41) Toluene-d8	7.57	98	488318	106.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	90919	109.60	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	205565	229.28	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	255801	102.82	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	172220	98.37	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	175899	100.513	ug/L 98
3) Chloromethane	1.33	50	224899	101.115	ug/L 99
5) Vinyl chloride	1.40	62	207126	99.216	ug/L 100
6) Bromomethane	1.62	94	89332	100.438	ug/L 97
8) Chloroethane	1.69	64	121081	99.566	ug/L 99
9) Trichlorofluoromethane	1.88	101	221432	99.592	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	124837	97.816	ug/L 99
12) 1,1-Dichloroethene	2.28	96	118004	99.828	ug/L 91
13) Acetone	2.32	43	231155	193.099	ug/L 100
14) Carbon disulfide	2.48	76	400549	97.360	ug/L 99
15) Methyl Acetate	2.61	43	214487	98.611	ug/L 99
16) Methylene chloride	2.70	84	149951	98.728	ug/L 99
17) trans-1,2-Dichloroethene	2.98	96	128345	99.592	ug/L 97
18) Methyl tert-butyl Ether	3.00	73	467146	104.033	ug/L 99
19) 1,1-Dichloroethane	3.45	63	296630	100.156	ug/L 100
20) cis-1,2-Dichloroethene	4.23	96	147862	101.948	ug/L 96
22) 2-Butanone	4.26	43	324521	207.823	ug/L 100
23) Bromochloromethane	4.55	128	67310	98.690	ug/L 98
25) Chloroform	4.67	83	273349	98.422	ug/L 98
27) 1,2-Dichloroethane	5.40	62	231386	100.409	ug/L 100
29) Cyclohexane	5.00	56	277188	107.039	ug/L 99
30) 1,1,1-Trichloroethane	4.92	97	218519	99.123	ug/L 99
31) Carbon tetrachloride	5.14	117	186507	99.856	ug/L 100
33) Benzene	5.39	78	588213	99.529	ug/L 100
34) Trichloroethene	6.19	95	135359	98.171	ug/L 99
35) Methylcyclohexane	6.42	83	243775	104.885	ug/L 99
37) 1,2-Dichloropropane	6.43	63	178716	98.608	ug/L 100
38) Bromodichloromethane	6.76	83	204643	99.403	ug/L 99
39) cis-1,3-Dichloropropene	7.27	75	262662	107.698	ug/L 99
40) 4-Methyl-2-pentanone	7.46	43	579123	217.813	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	609553	104.571	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	248404	105.390	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	142828	99.467	ug/L	99
46) Tetrachloroethene	8.23	164	98549	99.664	ug/L	99
48) 2-Hexanone	8.36	43	461906	212.900	ug/L	99
49) Dibromochloromethane	8.48	129	150012	102.391	ug/L	100
50) 1,2-Dibromoethane	8.59	107	147453	99.990	ug/L	98
51) Chlorobenzene	9.12	112	367486	99.663	ug/L	99
52) Ethylbenzene	9.25	91	673705	105.845	ug/L	99
53) m,p-Xylene	9.38	106	243790	107.578	ug/L	100
54) o-xylene	9.78	106	242246	109.126	ug/L	98
55) Styrene	9.79	104	422325	110.960	ug/L	99
56) Isopropylbenzene	10.17	105	639035	110.263	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	262035	100.066	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	211222	99.832	ug/L	100
61) Bromoform	9.96	173	105826	96.174	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	262797	98.652	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	272241	96.322	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	275890	95.891	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	57878	99.130	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	195453	100.512	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	172888	104.506	ug/L	99
69) Naphthalene	13.74	128	643909	114.629	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	186564	102.654	ug/L	99

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

