

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092518\
 Data File : VU027125.D
 Acq On : 25 Sep 2018 11:35
 Operator : MD/SY
 Sample : VSTD05052
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05052

Quant Time: Sep 26 01:44:16 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	178106	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	170825	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79232	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80979	51.11	ug/L	0.00
7) Chloroethane-d5	1.68	69	64124	51.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	151293	50.20	ug/L	0.00
21) 2-Butanone-d5	4.18	46	133678	103.76	ug/L	0.00
24) Chloroform-d	4.65	84	124750	49.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	92929	51.53	ug/L	0.00
32) Benzene-d6	5.34	84	269113	53.25	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	94181	52.28	ug/L	0.00
41) Toluene-d8	7.57	98	240868	53.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	42033	52.24	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	92920	106.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	123791	51.30	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	80894	49.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	85508	49.160	ug/L 100
3) Chloromethane	1.33	50	106886	48.349	ug/L 100
5) Vinyl chloride	1.40	62	99686	48.043	ug/L 100
6) Bromomethane	1.62	94	39749	44.964	ug/L 100
8) Chloroethane	1.70	64	59758	49.439	ug/L 100
9) Trichlorofluoromethane	1.89	101	107875	48.814	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	61128	48.189	ug/L 100
12) 1,1-Dichloroethene	2.29	96	56177	47.814	ug/L 100
13) Acetone	2.32	43	118835	99.876	ug/L 100
14) Carbon disulfide	2.48	76	191354	46.795	ug/L 100
15) Methyl Acetate	2.61	43	103763	47.997	ug/L 100
16) Methylene chloride	2.70	84	72321	47.907	ug/L 100
17) trans-1,2-Dichloroethene	2.98	96	60530	47.256	ug/L 100
18) Methyl tert-butyl Ether	3.00	73	217317	48.692	ug/L 100
19) 1,1-Dichloroethane	3.45	63	142226	48.315	ug/L 100
20) cis-1,2-Dichloroethene	4.23	96	70176	48.680	ug/L 100
22) 2-Butanone	4.26	43	154277	99.402	ug/L 100
23) Bromochloromethane	4.55	128	33182	48.949	ug/L 100
25) Chloroform	4.67	83	141011	51.083	ug/L 100
27) 1,2-Dichloroethane	5.40	62	110931	48.432	ug/L 100
29) Cyclohexane	5.00	56	125803	50.089	ug/L 100
30) 1,1,1-Trichloroethane	4.92	97	104737	48.986	ug/L 100
31) Carbon tetrachloride	5.14	117	89314	49.305	ug/L 100
33) Benzene	5.39	78	286824	50.040	ug/L 100
34) Trichloroethene	6.19	95	64428	48.179	ug/L 100
35) Methylcyclohexane	6.42	83	112402	49.864	ug/L 100
37) 1,2-Dichloropropane	6.43	63	87456	49.754	ug/L 100
38) Bromodichloromethane	6.76	83	97176	48.669	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	120933	51.126	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	264316	102.500	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	291338	51.533	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	114124	49.923	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	69200	49.689	ug/L	100
46) Tetrachloroethene	8.23	164	47977	50.027	ug/L	100
48) 2-Hexanone	8.36	43	215482	102.405	ug/L	100
49) Dibromochloromethane	8.48	129	70104	49.336	ug/L	100
50) 1,2-Dibromoethane	8.59	107	69591	48.657	ug/L	100
51) Chlorobenzene	9.12	112	174005	48.656	ug/L	100
52) Ethylbenzene	9.25	91	311307	50.428	ug/L	100
53) m,p-Xylene	9.38	106	112671	51.263	ug/L	100
54) o-xylene	9.78	106	111334	51.711	ug/L	100
55) Styrene	9.79	104	194451	52.677	ug/L	100
56) Isopropylbenzene	10.17	105	291903	51.931	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	124009	48.828	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	99671	48.572	ug/L	100
61) Bromoform	9.96	173	48450	47.618	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	119145	48.369	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	123605	47.295	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	129465	48.663	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	25858	47.896	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	87432	48.624	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	74792	48.893	ug/L	100
69) Naphthalene	13.74	128	269106	51.809	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	83252	49.539	ug/L	100

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

