

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091018\
 Data File : VU026640.D
 Acq On : 10 Sep 2018 10:27
 Operator : MD/SY
 Sample : VSTD00548
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00548

Quant Time: Sep 11 04:23:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 11 04:12:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	191303	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	176862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	80346	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	6830	4.79	ug/L	0.00
7) Chloroethane-d5	1.68	69	5575	4.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	11715	4.59	ug/L	0.00
21) 2-Butanone-d5	4.19	46	8339	9.40	ug/L	0.00
24) Chloroform-d	4.65	84	10844	4.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	7631	4.92	ug/L	0.00
32) Benzene-d6	5.34	84	21590	4.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	7344	4.78	ug/L	0.00
41) Toluene-d8	7.57	98	19746	4.60	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	3178	4.45	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	4870	7.77	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	9809	4.66	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	8061	5.03	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	5634	4.68	ug/L	98
3) Chloromethane	1.33	50	7196	4.55	ug/L	98
5) Vinyl chloride	1.40	62	7354	4.50	ug/L	98
6) Bromomethane	1.63	94	4241	4.45	ug/L	98
8) Chloroethane	1.70	64	4881	4.81	ug/L	98
9) Trichlorofluoromethane	1.89	101	9227	4.47	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	5149	4.38	ug/L	98
12) 1,1-Dichloroethene	2.28	96	5039	4.47	ug/L #	83
13) Acetone	2.32	43	8799	8.71	ug/L	98
14) Carbon disulfide	2.48	76	18426	5.03	ug/L	97
15) Methyl Acetate	2.62	43	6779	4.70	ug/L	93
16) Methylene chloride	2.70	84	6170	4.63	ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	5564	4.66	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	15837	4.30	ug/L	98
19) 1,1-Dichloroethane	3.45	63	10014	4.32	ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	5879	4.37	ug/L	100
22) 2-Butanone	4.27	43	9494	8.21	ug/L	97
23) Bromochloromethane	4.55	128	2944	4.28	ug/L	86
25) Chloroform	4.67	83	10540	4.52	ug/L	97
27) 1,2-Dichloroethane	5.41	62	8165	4.41	ug/L #	93
29) Cyclohexane	5.00	56	7986	4.12	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	8468	4.52	ug/L	98
31) Carbon tetrachloride	5.14	117	7490	4.42	ug/L	96
33) Benzene	5.40	78	22266	4.50	ug/L	100
34) Trichloroethene	6.19	95	5706	4.64	ug/L	97
35) Methylcyclohexane	6.42	83	8053	4.09	ug/L	99
37) 1,2-Dichloropropane	6.44	63	5987	4.33	ug/L	99
38) Bromodichloromethane	6.76	83	7392	4.36	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	8493	4.15	ug/L	91
40) 4-Methyl-2-pentanone	7.47	43	14657	8.30	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	22377	4.36	ug/L	95
44) trans-1,3-Dichloropropene	7.88	75	8011	4.21	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	5586	4.55	ug/L	92
46) Tetrachloroethene	8.23	164	4749	4.59	ug/L	96
48) 2-Hexanone	8.37	43	10998	7.38	ug/L	97
49) Dibromochloromethane	8.48	129	5825	4.11	ug/L	97
50) 1,2-Dibromoethane	8.59	107	5703	4.34	ug/L #	95
51) Chlorobenzene	9.12	112	15071	4.47	ug/L	98
52) Ethylbenzene	9.25	91	22995	4.14	ug/L	98
53) m,p-Xylene	9.38	106	8253	3.94	ug/L	92
54) o-xylene	9.78	106	8144	3.92	ug/L	97
55) Styrene	9.79	104	12879	3.66	ug/L	92
56) Isopropylbenzene	10.17	105	20020	3.78	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	9022	4.24	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	7370	4.50	ug/L	98
61) Bromoform	9.96	173	4487	4.53	ug/L #	95
62) 1,3-Dichlorobenzene	11.42	146	10803	4.68	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	12213	5.00	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	10925	4.48	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.66	75	1809	4.59	ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	8482	4.64	ug/L	96
68) 1,2,4-trichlorobenzene	13.50	180	7095	4.46	ug/L	98
69) Naphthalene	13.75	128	19422	3.98	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	7808	4.53	ug/L	98

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

