

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
 Data File : VU034557.D
 Acq On : 16 Sep 2019 11:26
 Operator : JC/SP
 Sample : VSTD01031
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01031

Quant Time: Sep 16 12:45:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 16 12:41:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	409876	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	387239	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	173493	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	20626	5.74	ug/L	0.00
7) Chloroethane-d5	1.67	69	15858	5.56	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	39678	6.12	ug/L	0.00
21) 2-Butanone-d5	4.16	46	42719	17.66	ug/L	0.00
24) Chloroform-d	4.62	84	44120	7.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	27712	7.33	ug/L	0.00
32) Benzene-d6	5.32	84	86761	7.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	31743	8.89	ug/L	0.00
41) Toluene-d8	7.54	98	83868	8.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	14330	8.70	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	31581	21.28	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	47993	9.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	31420	8.87	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	26657	7.025	ug/L 96
3) Chloromethane	1.32	50	26600	7.296	ug/L 98
5) Vinyl chloride	1.40	62	26179	6.113	ug/L 98
6) Bromomethane	1.62	94	14046	8.465	ug/L 94
8) Chloroethane	1.69	64	15419	6.002	ug/L 100
9) Trichlorofluoromethane	1.88	101	36223	7.212	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	23077	8.036	ug/L 97
12) 1,1-Dichloroethene	2.27	96	20869	7.549	ug/L 97
13) Acetone	2.31	43	38318	17.345	ug/L 96
14) Carbon disulfide	2.46	76	49846	5.607	ug/L 99
15) Methyl Acetate	2.60	43	31825	8.272	ug/L 99
16) Methylene chloride	2.68	84	25992	7.804	ug/L 96
17) trans-1,2-Dichloroethene	2.96	96	21051	7.090	ug/L 98
18) Methyl tert-butyl Ether	2.98	73	88484	9.845	ug/L 99
19) 1,1-Dichloroethane	3.42	63	48340	8.169	ug/L 99
20) cis-1,2-Dichloroethene	4.20	96	27657	8.462	ug/L 87
22) 2-Butanone	4.24	43	44913	16.181	ug/L 95
23) Bromochloromethane	4.53	128	12796	7.613	ug/L 92
25) Chloroform	4.65	83	52147	8.898	ug/L 93
27) 1,2-Dichloroethane	5.38	62	35131	7.640	ug/L 99
29) Cyclohexane	4.97	56	39567	8.856	ug/L 99
30) 1,1,1-Trichloroethane	4.89	97	40135	9.000	ug/L 99
31) Carbon tetrachloride	5.11	117	33621	8.493	ug/L 99
33) Benzene	5.37	78	101591	8.676	ug/L 100
34) Trichloroethene	6.16	95	25147	8.277	ug/L 97
35) Methylcyclohexane	6.39	83	37770	8.246	ug/L 98
37) 1,2-Dichloropropane	6.41	63	30223	9.435	ug/L 100
38) Bromodichloromethane	6.73	83	40174	9.705	ug/L 100
39) cis-1,3-Dichloropropene	7.25	75	42827	8.995	ug/L 95
40) 4-Methyl-2-pentanone	7.44	43	98718	21.516	ug/L 100

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42) Toluene	7.62	91	107889	8.904	ug/L	97
44) trans-1,3-Dichloropropene	7.86	75	39230	9.143	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	27557	9.376	ug/L	99
46) Tetrachloroethene	8.21	164	16501	6.989	ug/L	100
48) 2-Hexanone	8.35	43	69014	19.372	ug/L	96
49) Dibromochloromethane	8.46	129	30924	9.484	ug/L	95
50) 1,2-Dibromoethane	8.57	107	28509	9.096	ug/L #	94
51) Chlorobenzene	9.10	112	70908	8.848	ug/L	97
52) Ethylbenzene	9.23	91	127320	9.728	ug/L	100
53) m,p-Xylene	9.35	106	45431	9.420	ug/L	96
54) o-xylene	9.76	106	45622	9.597	ug/L	96
55) Styrene	9.77	104	77325	9.553	ug/L	99
56) Isopropylbenzene	10.14	105	122212	9.893	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.43	83	52872	10.379	ug/L	98
59) 1,2,3-Trichloropropane	10.47	75	41133	10.047	ug/L	97
61) Bromoform	9.94	173	21308	9.736	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	51374	9.427	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	52592	9.313	ug/L	97
65) 1,2-Dichlorobenzene	11.86	146	52702	9.693	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	11667	11.700	ug/L	91
67) 1,3,5-Trichlorobenzene	12.87	180	33776	8.063	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	25742	7.495	ug/L	99
69) Naphthalene	13.73	128	87633	8.545	ug/L	98
70) 1,2,3-Trichlorobenzene	13.97	180	27144	7.478	ug/L	98

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

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