

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030687.D
 Acq On : 04 Apr 2019 16:31
 Operator : JC/SP
 Sample : VSTD00546
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00546

Quant Time: Apr 05 01:45:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 01:40:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	527720	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	528509	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233282	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	25365	5.21	ug/L	0.00
7) Chloroethane-d5	1.68	69	18983	5.16	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	46026	5.29	ug/L	0.00
21) 2-Butanone-d5	4.19	46	32508	9.14	ug/L	0.02
24) Chloroform-d	4.64	84	35649	4.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	25738	5.15	ug/L	0.00
32) Benzene-d6	5.34	84	76841	4.99	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	26198	4.96	ug/L	0.00
41) Toluene-d8	7.56	98	65717	4.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	10835	4.78	ug/L	0.00
47) 2-Hexanone-d5	8.32	63	19513	8.81	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35127	4.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	23735	5.10	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	27746	5.691	ug/L 98
3) Chloromethane	1.32	50	36199	5.709	ug/L 99
5) Vinyl chloride	1.40	62	33688	5.518	ug/L 90
6) Bromomethane	1.63	94	17131	5.443	ug/L 97
8) Chloroethane	1.69	64	19029	5.460	ug/L 100
9) Trichlorofluoromethane	1.88	101	39652	5.614	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	23137	5.836	ug/L 97
12) 1,1-Dichloroethene	2.28	96	21084	5.606	ug/L 98
13) Acetone	2.32	43	46163	11.192	ug/L 100
14) Carbon disulfide	2.47	76	65326	5.573	ug/L 98
15) Methyl Acetate	2.61	43	31568	5.306	ug/L 99
16) Methylene chloride	2.70	84	26639	5.701	ug/L 92
17) trans-1,2-Dichloroethene	2.98	96	23318	5.737	ug/L 96
18) Methyl tert-butyl Ether	2.99	73	73100	5.527	ug/L 99
19) 1,1-Dichloroethane	3.44	63	45243	5.472	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	23908	5.458	ug/L 97
22) 2-Butanone	4.27	43	41936	9.596	ug/L # 75
23) Bromochloromethane	4.55	128	11390	5.533	ug/L 94
25) Chloroform	4.67	83	48563	5.740	ug/L 98
27) 1,2-Dichloroethane	5.40	62	34439	5.432	ug/L 99
29) Cyclohexane	4.99	56	39505	5.262	ug/L 99
30) 1,1,1-Trichloroethane	4.91	97	35742	5.427	ug/L 97
31) Carbon tetrachloride	5.13	117	31107	5.494	ug/L 98
33) Benzene	5.39	78	91749	5.237	ug/L 100
34) Trichloroethene	6.19	95	23666	5.488	ug/L 94
35) Methylcyclohexane	6.41	83	34531	5.345	ug/L 96
37) 1,2-Dichloropropane	6.43	63	26174	5.238	ug/L # 97
38) Bromodichloromethane	6.75	83	32948	5.498	ug/L # 93
39) cis-1,3-Dichloropropene	7.27	75	33477	5.035	ug/L 95
40) 4-Methyl-2-pentanone	7.46	43	75081	9.864	ug/L 99

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42) Toluene	7.64	91	91811	5.197	ug/L	96
44) trans-1,3-Dichloropropene	7.88	75	29523	5.017	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	23189	5.505	ug/L	97
46) Tetrachloroethene	8.22	164	17399	5.490	ug/L	98
48) 2-Hexanone	8.37	43	54942	9.391	ug/L	98
49) Dibromochloromethane	8.47	129	23706	5.359	ug/L	97
50) 1,2-Dibromoethane	8.58	107	24292	5.364	ug/L	97
51) Chlorobenzene	9.12	112	60717	5.516	ug/L	98
52) Ethylbenzene	9.25	91	102111	5.329	ug/L	96
53) m,p-Xylene	9.38	106	33642	5.144	ug/L	98
54) o-xylene	9.78	106	34439	5.240	ug/L	97
55) Styrene	9.79	104	56278	5.083	ug/L	98
56) Isopropylbenzene	10.16	105	89928	5.209	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	40592	5.333	ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	31690	5.355	ug/L	99
61) Bromoform	9.96	173	16956	5.418	ug/L #	93
62) 1,3-Dichlorobenzene	11.42	146	39951	5.303	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	43123	5.611	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	41593	5.457	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	8062	5.136	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	29513	5.434	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	22407	5.075	ug/L	91
69) Naphthalene	13.75	128	60940	4.495	ug/L	96
70) 1,2,3-Trichlorobenzene	13.99	180	24936	5.298	ug/L	87

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

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