

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102619\
 Data File : VU035512.D
 Acq On : 26 Oct 2019 12:28
 Operator : JC/SP
 Sample : VSTD05031
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05031

Quant Time: Oct 30 00:27:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 01:21:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	592792	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	585120	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	261998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	233341	46.59	ug/L	0.00
7) Chloroethane-d5	1.93	69	195652	46.61	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	397494	47.78	ug/L	0.00
21) 2-Butanone-d5	4.69	46	311130	93.37	ug/L	0.00
24) Chloroform-d	5.11	84	394114	48.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	246388	46.36	ug/L	0.00
32) Benzene-d6	5.77	84	803398	48.23	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	260685	48.71	ug/L	0.00
41) Toluene-d8	7.93	98	740163	47.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	122212	45.02	ug/L	0.00
47) 2-Hexanone-d5	8.68	63	194874	84.12	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	360942	45.79	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	242420	41.05	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	258614	52.762	ug/L 100
3) Chloromethane	1.54	50	270519	52.893	ug/L 100
5) Vinyl chloride	1.62	62	298844	56.609	ug/L 100
6) Bromomethane	1.87	94	132131	44.169	ug/L 100
8) Chloroethane	1.95	64	178498	55.334	ug/L 100
9) Trichlorofluoromethane	2.16	101	344464	52.732	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	202063	53.160	ug/L 100
12) 1,1-Dichloroethene	2.61	96	191745	52.059	ug/L 100
13) Acetone	2.67	43	322567	105.778	ug/L 100
14) Carbon disulfide	2.83	76	614858	52.509	ug/L 100
15) Methyl Acetate	2.99	43	264077	56.967	ug/L 100
16) Methylene chloride	3.09	84	237391	53.846	ug/L 100
17) trans-1,2-Dichloroethene	3.39	96	207527	52.518	ug/L 100
18) Methyl tert-butyl Ether	3.42	73	644038	51.587	ug/L 100
19) 1,1-Dichloroethane	3.92	63	422870	55.469	ug/L 100
20) cis-1,2-Dichloroethene	4.72	96	234748	52.343	ug/L 100
22) 2-Butanone	4.77	43	410909	110.033	ug/L 100
23) Bromochloromethane	5.02	128	118777	52.731	ug/L 100
25) Chloroform	5.14	83	414492	53.177	ug/L 100
27) 1,2-Dichloroethane	5.84	62	320615	53.219	ug/L 100
29) Cyclohexane	5.43	56	346837	52.437	ug/L 100
30) 1,1,1-Trichloroethane	5.37	97	338929	52.344	ug/L 100
31) Carbon tetrachloride	5.57	117	295174	52.169	ug/L 100
33) Benzene	5.82	78	922008	54.598	ug/L 100
34) Trichloroethene	6.58	95	219803	51.291	ug/L 100
35) Methylcyclohexane	6.80	83	312772	47.938	ug/L 100
37) 1,2-Dichloropropane	6.84	63	246099	55.906	ug/L 100
38) Bromodichloromethane	7.15	83	310917	53.369	ug/L 100
39) cis-1,3-Dichloropropene	7.65	75	378689	53.820	ug/L 100
40) 4-Methyl-2-pentanone	7.84	43	673413	104.337	ug/L 100

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42) Toluene	8.01	91	962681	52.487	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	343957	52.606	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	226866	52.869	ug/L	100
46) Tetrachloroethene	8.58	164	173692	50.346	ug/L	100
48) 2-Hexanone	8.73	43	546300	99.986	ug/L	100
49) Dibromochloromethane	8.84	129	249017	52.304	ug/L	100
50) 1,2-Dibromoethane	8.96	107	241788	51.360	ug/L	100
51) Chlorobenzene	9.48	112	608648	51.077	ug/L	100
52) Ethylbenzene	9.60	91	1029499	50.705	ug/L	100
53) m,p-Xylene	9.72	106	390418	51.820	ug/L	100
54) o-xylene	10.13	106	380481	51.319	ug/L	100
55) Styrene	10.14	104	633169	52.415	ug/L	100
56) Isopropylbenzene	10.51	105	946632	49.619	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	396443	52.887	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	317051	53.266	ug/L	100
61) Bromoform	10.32	173	183028	48.701	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	414001	48.663	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	408892	47.932	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	414901	48.819	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	67454	49.969	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	208451	44.758	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	122898	40.512	ug/L	100
69) Naphthalene	14.11	128	310911	37.041	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	130770	41.643	ug/L	100

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

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