Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032319\
Data File : VU030339.D
Acq On : 23 Mar 2019 14:13
Operator : JC/SP
Sample : VSTD05047
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05047

Quant Time: Mar 24 01:46:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Mar 24 01:42:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	446461	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	446778	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214787	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	182329	57.99	ug/L		0.00
7) Chloroethane-d5	1.68	69	145187	57.97	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.27	63	350631	60.34	ug/L		0.00
21) 2-Butanone-d5	4.17	46	367970	146.86	ug/L		0.00
24) Chloroform-d	4.65	84	327403	57.10	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.31	65	210419	62.67	ug/L		0.00
32) Benzene-d6	5.34	84	664871	55.27	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.33	67	226891	59.43	ug/L		0.00
41) Toluene-d8	7.56	98	599902	53.42	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.85	79	105308	57.27	ug/L		0.00
47) 2-Hexanone-d5	8.31	63	252827	126.23	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	319878	55.63	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	213031	49.38	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	251068	62.196	ug/L		100
3) Chloromethane	1.33	50	282400	69.351	ug/L		100
5) Vinyl chloride	1.40	62	265769	63.730	ug/L		100
6) Bromomethane	1.62	94	122048	56.479	ug/L		100
8) Chloroethane	1.70	64	150693	61.769	ug/L		100
9) Trichlorofluoromethane	1.88	101	293933	57.503	ug/L		100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	167394	54.592	ug/L		100
12) 1,1-Dichloroethene	2.28	96	163293	53.822	ug/L		100
13) Acetone	2.32	43	361964	139.251	ug/L		100
14) Carbon disulfide	2.48	76	533627	57.587	ug/L		100
15) Methyl Acetate	2.61	43	279183	73.251	ug/L	#	100
16) Methylene chloride	2.70	84	191490	55.113	ug/L		100
17) trans-1,2-Dichloroethene	2.98	96	173810	54.160	ug/L		100
18) Methyl tert-butyl Ether	3.00	73	574190	60.491	ug/L		100
19) 1,1-Dichloroethane	3.44	63	351602	61.538	ug/L		100
20) cis-1,2-Dichloroethene	4.22	96	194458	55.264	ug/L		100
22) 2-Butanone	4.26	43	456455	147.758	ug/L		100
23) Bromochloromethane	4.55	128	89763	49.033	ug/L		100
25) Chloroform	4.67	83	336863	57.675	ug/L		100
27) 1,2-Dichloroethane	5.40	62	266801	62.809	ug/L		100
29) Cyclohexane	4.99	56	345940	65.934	ug/L		100
30) 1,1,1-Trichloroethane	4.91	97	271260	55.004	ug/L		100
31) Carbon tetrachloride	5.13	117	234814	53.977	ug/L		100
33) Benzene	5.39	78	767099	57.426	ug/L		100
34) Trichloroethene	6.18	95	185040	53.271	ug/L		100
35) Methylcyclohexane	6.41	83	305964	56.056	ug/L		100
37) 1,2-Dichloropropane	6.43	63	216261	61.866	ug/L		100
38) Bromodichloromethane	6.75	83	255484	57.966	ug/L		100
39) cis-1,3-Dichloropropene	7.27	75	322935	58.599	ug/L		100
40) 4-Methyl-2-pentanone	7.46	43	736002	144.852	ug/L		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Toluene	7.63	91	808263	56.169 ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	285066	59.651 ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	182138	52.967 ug/L	100
46) Tetrachloroethene	8.22	164	132292	46.803 ug/L	100
48) 2-Hexanone	8.36	43	603431	143.377 ug/L	100
49) Dibromochloromethane	8.47	129	193556	50.790 ug/L	100
50) 1,2-Dibromoethane	8.58	107	198319	52.356 ug/L	100
51) Chlorobenzene	9.12	112	478883	51.135 ug/L	100
52) Ethylbenzene	9.25	91	871706	55.689 ug/L	100
53) m,p-Xylene	9.37	106	309966	52.383 ug/L	100
54) o-xylene	9.77	106	311201	53.404 ug/L	100
55) Styrene	9.79	104	540816	54.560 ug/L	100
56) Isopropylbenzene	10.16	105	818247	53.981 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	335421	56.140 ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	263674	56.815 ug/L	100
61) Bromoform	9.95	173	143748	51.593 ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	346874	50.367 ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	353888	49.591 ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	353652	50.369 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	79283	63.255 ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	266389	49.810 ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	232357	49.217 ug/L	100
69) Naphthalene	13.74	128	780655	51.612 ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	239227	48.839 ug/L	100

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

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