Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120319\
Data File : VU035943.D
Acq On : 03 Dec 2019 12:08
Operator : JC/SP
Sample : VSTD01001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD01001

Quant Time: Dec 03 18:03:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 03 17:59:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	352920	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	357840	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	180544	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	394883	10.72	ug/L	0.00
7) Chloroethane-d5	1.93	69	319818	10.67	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	570064	9.46	ug/L	0.00
20) 2-Butanone-d5	4.70	46	727649	92.83	ug/L	0.00
24) Chloroform-d	5.11	84	555842	9.78	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	281798	9.41	ug/L	0.00
32) Benzene-d6	5.77	84	1115293	10.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	346363	9.70	ug/L	0.00
41) Toluene-d8	7.93	98	1039317	9.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	146958	10.26	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	645204	114.62	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	284730	9.52	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	358126	9.99	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	366305	9.720	ug/L	99
3) Chloromethane	1.54	50	408317	9.461	ug/L	100
5) Vinyl chloride	1.62	62	430557	9.729	ug/L	99
6) Bromomethane	1.87	94	240559	9.535	ug/L	97
8) Chloroethane	1.95	64	244967	9.610	ug/L	100
9) Trichlorofluoromethane	2.16	101	496051	9.250	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	272314	8.685	ug/L	98
12) 1,1-Dichloroethene	2.61	96	260715	8.682	ug/L	97
13) Acetone	2.68	43	543875	93.659	ug/L	99
14) Carbon disulfide	2.82	76	885374	9.058	ug/L	99
15) Methyl Acetate	3.00	43	116166	8.834	ug/L	97
16) Methylene chloride	3.08	84	305643	8.487	ug/L	98
17) Methyl tert-butyl Ether	3.42	73	630003	9.027	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	268773	8.710	ug/L	99
19) 1,1-Dichloroethane	3.92	63	533332	9.232	ug/L	99
21) 2-Butanone	4.77	43	854934	100.970	ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	298542	8.843	ug/L	98
23) Bromochloromethane	5.02	128	132120	8.239	ug/L	98
25) Chloroform	5.14	83	533727	8.500	ug/L	99
27) 1,2-Dichloroethane	5.84	62	340076	9.620	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	445869	9.678	ug/L	99
30) Cyclohexane	5.43	56	481088	10.441	ug/L	99
31) Carbon tetrachloride	5.57	117	395688	9.588	ug/L	100
33) Benzene	5.82	78	1206896	9.773	ug/L	100
34) Trichloroethene	6.58	95	295312	9.427	ug/L	99
35) Methylcyclohexane	6.80	83	485388	10.171	ug/L	98
37) 1,2-Dichloropropane	6.83	63	315853	9.700	ug/L	100
38) Bromodichloromethane	7.14	83	381238	9.661	ug/L	98
39) cis-1,3-Dichloropropene	7.65	75	445782	9.673	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	1936599	102.914	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	1291166	9.980	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	371553	10.043	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	217328	9.373	ug/L	98
47) Tetrachloroethene	8.58	164	238299	8.837	ug/L	98
48) 2-Hexanone	8.73	43	1474636	109.166	ug/L	98
49) Dibromochloromethane	8.84	129	260227	9.183	ug/L	100
50) 1,2-Dibromoethane	8.96	107	205096	9.302	ug/L	97
51) Chlorobenzene	9.47	112	773502	9.229	ug/L	99
52) Ethylbenzene	9.60	91	1337103	9.911	ug/L	98
53) m,p-Xylene	9.72	106	516069	10.092	ug/L	96
54) o-Xylene	10.13	106	489050	9.978	ug/L	99
55) Styrene	10.14	104	852238	10.474	ug/L	95
56) Isopropylbenzene	10.51	105	1285791	9.972	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	280568	9.225	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	202381	9.443	ug/L	99
61) Bromoform	10.32	173	152867	9.351	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	612799	10.085	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	607334	10.378	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	584585	10.244	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	40709	10.877	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	436061	11.149	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	273824	11.661	ug/L	98
69) Naphthalene	14.11	128	315667	11.179	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	266550	11.769	ug/L	99

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

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