Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091719\
Data File : VV012867.D
Acq On : 17 Sep 2019 16:42
Operator : SY/MD
Sample : VSTD01031
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD01031

Quant Time: Sep 17 17:10:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 17:07:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	428111	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	411302	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	208689	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	410952	12.68	ug/L		0.00
7) Chloroethane-d5	1.58	69	325386	12.75	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.13	63	598364	11.52	ug/L		0.00
20) 2-Butanone-d5	3.97	46	934466	179.90	ug/L		0.00
24) Chloroform-d	4.40	84	669786	12.98	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.08	65	337283	13.84	ug/L		0.00
32) Benzene-d6	5.09	84	1400968	14.03	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.12	67	420811	13.78	ug/L		0.00
41) Toluene-d8	7.36	98	1299384	14.55	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.66	79	156020	15.45	ug/L		0.00
46) 2-Hexanone-d5	8.13	63	741169	221.55	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	321776	17.39	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	446302	13.74	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	294717	9.551	ug/L		100
3) Chloromethane	1.26	50	272293	8.735	ug/L		97
5) Vinyl chloride	1.32	62	317981	9.103	ug/L		99
6) Bromomethane	1.53	94	153386	8.609	ug/L		99
8) Chloroethane	1.60	64	166371	8.837	ug/L		99
9) Trichlorofluoromethane	1.77	101	388776	9.096	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	233194	9.221	ug/L		99
12) 1,1-Dichloroethene	2.14	96	208258	8.948	ug/L		94
13) Acetone	2.24	43	427910	126.783	ug/L	#	49
14) Carbon disulfide	2.31	76	433502	8.764	ug/L		99
15) Methyl Acetate	2.47	43	120840	12.012	ug/L	#	92
16) Methylene chloride	2.53	84	240178	8.656	ug/L		98
17) Methyl tert-butyl Ether	2.81	73	617092	9.981	ug/L		99
18) trans-1,2-Dichloroethene	2.78	96	232317	9.173	ug/L		99
19) 1,1-Dichloroethane	3.23	63	484240	9.224	ug/L		100
21) 2-Butanone	4.05	43	834498	133.420	ug/L		97
22) cis-1,2-Dichloroethene	3.96	96	276937	9.801	ug/L		98
23) Bromochloromethane	4.30	128	118939	9.717	ug/L		97
25) Chloroform	4.42	83	516890	8.799	ug/L		98
27) 1,2-Dichloroethane	5.18	62	299098	9.765	ug/L		100
29) 1,1,1-Trichloroethane	4.65	97	404226	9.581	ug/L		99
30) Cyclohexane	4.72	56	366875	10.325	ug/L		98
31) Carbon tetrachloride	4.87	117	342757	9.602	ug/L		98
33) Benzene	5.14	78	1056387	10.167	ug/L		100
34) Trichloroethene	5.95	95	262183	8.994	ug/L		99
35) Methylcyclohexane	6.17	83	388123	10.683	ug/L		100
37) 1,2-Dichloropropane	6.22	63	288355	10.252	ug/L		99
38) Bromodichloromethane	6.55	83	357284	9.830	ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	393545	11.199	ug/L		98
40) 4-Methyl-2-pentanone	7.28	43	2022327	125.190	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1130458	10.623	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	315950	11.286	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	207391	10.290	ug/L	99
47) Tetrachloroethene	8.02	164	215205	9.919	ug/L	98
48) 2-Hexanone	8.19	43	1468109	120.287	ug/L	100
49) Dibromochloromethane	8.29	129	243978	10.623	ug/L	98
50) 1,2-Dibromoethane	8.40	107	177801	10.573	ug/L	96
51) Chlorobenzene	8.92	112	739757	10.094	ug/L	99
52) Ethylbenzene	9.05	91	1258680	11.087	ug/L	99
53) m,p-xylene	9.18	106	474574	11.264	ug/L	99
54) o-xylene	9.59	106	467509	11.399	ug/L	99
55) Styrene	9.60	104	835347	11.992	ug/L	99
56) Isopropylbenzene	9.97	105	1269405	11.530	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	267033	13.181	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	184825	10.891	ug/L	99
61) Bromoform	9.77	173	134149	10.088	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	607965	10.179	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	608580	9.818	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	590275	10.142	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	37837	12.507	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	472144	10.198	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	388765	11.088	ug/L	99
69) Naphthalene	13.55	128	651816	12.807	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	387371	11.320	ug/L	98

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

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