Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Data File : VV013270.D
Acq On : 22 Oct 2019 02:58
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00550

Quant Time: Oct 22 03:58:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	485024	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	518848	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	332485	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	179844	5.03	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.60%				
7) Chloroethane-d5	1.58	69	149536	5.07	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.40%				
11) 1,1-Dichloroethene-d2	2.13	63	315833	4.96	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.20%				
20) 2-Butanone-d5	3.95	46	282800	41.18	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.36%				
24) Chloroform-d	4.40	84	410044	4.88	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%				
26) 1,2-Dichloroethane-d4	5.08	65	184277	4.73	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%				
32) Benzene-d6	5.10	84	829931	4.94	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%				
36) 1,2-Dichloropropane-d6	6.12	67	242775	4.81	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%				
41) Toluene-d8	7.36	98	793628	5.10	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%				
43) trans-1,3-Dichloropropene-	7.66	79	83484	4.36	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.20%				
46) 2-Hexanone-d5	8.13	63	296593	43.51	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.02%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	176281	4.83	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%				
64) 1,2-Dichlorobenzene-d4	11.67	152	301325	4.66	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	262190	4.890	ug/L		96
3) Chloromethane	1.25	50	237780	5.110	ug/L		98
5) Vinyl chloride	1.32	62	240561	5.139	ug/L		100
6) Bromomethane	1.53	94	142870	5.419	ug/L		98
8) Chloroethane	1.60	64	137750	4.938	ug/L		100
9) Trichlorofluoromethane	1.77	101	333894	4.929	ug/L		100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	196924	4.920	ug/L		99
12) 1,1-Dichloroethene	2.14	96	190233	4.989	ug/L		92
13) Acetone	2.21	43	126141	35.527	ug/L	#	50
14) Carbon disulfide	2.32	76	538501	4.919	ug/L		100
15) Methyl Acetate	2.47	43	68837	5.733	ug/L		99
16) Methylene chloride	2.53	84	242465	4.231	ug/L		94
17) Methyl tert-butyl Ether	2.81	73	469376	5.315	ug/L		95
18) trans-1,2-Dichloroethene	2.79	96	246533	5.484	ug/L		91
19) 1,1-Dichloroethane	3.23	63	440682	6.031	ug/L		96
21) 2-Butanone	4.04	43	340985	42.901	ug/L		92
22) cis-1,2-Dichloroethene	3.96	96	258134	5.365	ug/L	#	90

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ClientSampleId : VSTD00550

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	108784	4.764	ug/L	97
25) Chloroform	4.42	83	447356	4.696	ug/L	99
27) 1,2-Dichloroethane	5.18	62	244262	4.801	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	378033	4.929	ug/L	99
30) Cyclohexane	4.72	56	387367	4.866	ug/L	99
31) Carbon tetrachloride	4.87	117	339313	4.932	ug/L	100
33) Benzene	5.14	78	984197	4.968	ug/L	100
34) Trichloroethene	5.96	95	259812	4.887	ug/L	98
35) Methylcyclohexane	6.17	83	393417	4.810	ug/L	99
37) 1,2-Dichloropropane	6.22	63	237781	4.941	ug/L	100
38) Bromodichloromethane	6.55	83	294316	4.725	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	303798	4.482	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1069513	43.474	ug/L	98
42) Toluene	7.43	91	1068119	5.134	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	239933	4.673	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	158830	4.728	ug/L	98
47) Tetrachloroethene	8.02	164	234669	4.861	ug/L	97
48) 2-Hexanone	8.18	43	924697	52.653	ug/L	92
49) Dibromochloromethane	8.29	129	205685	4.861	ug/L	99
50) 1,2-Dibromoethane	8.39	107	149522	4.671	ug/L	99
51) Chlorobenzene	8.92	112	675219	4.958	ug/L	99
52) Ethylbenzene	9.05	91	1109124	5.114	ug/L	98
53) m,p-xylene	9.18	106	441306	5.315	ug/L	99
54) o-xylene	9.58	106	412378	5.232	ug/L	100
55) Styrene	9.60	104	719169	5.368	ug/L	99
56) Isopropylbenzene	9.97	105	1114096	5.359	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	184557	4.779	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	139897	4.874	ug/L	98
61) Bromoform	9.77	173	118315	4.668	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	582092	4.971	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	581042	4.901	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	526170	4.879	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	27729	4.528	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	398476	4.603	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	341123	4.504	ug/L	100
69) Naphthalene	13.55	128	463075	4.433	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	328601	4.672	ug/L	99

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

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