Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022019\
Data File : VR026352.D
Acq On : 20 Feb 2019 14:33
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00597

Manual Integrations APPROVED
MMDadoda
2/21/2019 1:21:07 PM

Quant Time: Feb 21 07:59:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 07:38:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	759147	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	639844	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	268301	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	228609	3.81	ug/L	-0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.20%			
7) Chloroethane-d5	2.62	69	209539	4.00	ug/L	0.00
Spiked Amount 7.000	Range 65 - 130		Recovery = 57.14%#			
11) 1,1-Dichloroethene-d2	3.60	63	623278	4.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.40%			
20) 2-Butanone-d5	6.58	46	190295	41.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.42%			
24) Chloroform-d	7.20	84	457491	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
26) 1,2-Dichloroethane-d4	7.89	65	174860	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
32) Benzene-d6	7.85	84	894951	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
36) 1,2-Dichloropropane-d6	8.89	67	223688	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.80%			
41) Toluene-d8	9.96	98	860000	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
43) trans-1,3-Dichloropropene-	10.23	79	59725	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	10.59	63	177292	50.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.32%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	94435	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.60%			
64) 1,2-Dichlorobenzene-d4	13.51	152	170648	4.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.82	85	237662	4.224	ug/L	98
3) Chloromethane	2.01	50	293966	3.962	ug/L	97
5) Vinyl chloride	2.17	62	279483	3.913	ug/L	96
6) Bromomethane	2.52	94	176871	3.687	ug/L	94
8) Chloroethane	2.66	64	176015	3.930	ug/L	97
9) Trichlorofluoromethane	2.93	101	496139m	4.328	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	263812	4.348	ug/L	97
12) 1,1-Dichloroethene	3.62	96	266130	4.074	ug/L	91
13) Acetone	3.69	43	193999	40.413	ug/L	100
14) Carbon disulfide	3.92	76	786923	3.878	ug/L	97
15) Methyl Acetate	4.19	43	53148	4.002	ug/L	99
16) Methylene chloride	4.40	84	232878	3.804	ug/L	91
17) Methyl tert-butyl Ether	4.89	73	249455	3.860	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	250931	4.124	ug/L	98
19) 1,1-Dichloroethane	5.69	63	426708	4.018	ug/L	99
21) 2-Butanone	6.68	43	246254	43.317	ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	222497	4.309	ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.04	128	62943	3.953	ug/L	#	91
25) Chloroform	7.23	83	431287	4.126	ug/L		100
27) 1,2-Dichloroethane	7.99	62	195972	4.172	ug/L		97
29) 1,1,1-Trichloroethane	7.43	97	390414	4.139	ug/L		98
30) Cyclohexane	7.51	56	363798	4.966	ug/L		99
31) Carbon tetrachloride	7.63	117	370235	4.288	ug/L		98
33) Benzene	7.90	78	1004019	4.362	ug/L		100
34) Trichloroethene	8.71	95	248026	4.239	ug/L		96
35) Methylcyclohexane	8.95	83	395580	5.097	ug/L		98
37) 1,2-Dichloropropane	8.99	63	215364	4.282	ug/L		99
38) Bromodichloromethane	9.28	83	238048	4.210	ug/L		98
39) cis-1,3-Dichloropropene	9.72	75	240642	4.534	ug/L		100
40) 4-Methyl-2-pentanone	9.86	43	632896	48.215	ug/L		99
42) Toluene	10.03	91	1095074	4.672	ug/L		99
44) trans-1,3-Dichloropropene	10.26	75	173858	4.429	ug/L		94
45) 1,1,2-Trichloroethane	10.44	97	94899	4.423	ug/L		98
47) Tetrachloroethene	10.51	164	196895	4.537	ug/L		97
48) 2-Hexanone	10.63	43	425557	47.181	ug/L		97
49) Dibromochloromethane	10.78	129	121059	4.317	ug/L		98
50) 1,2-Dibromoethane	10.88	107	77941	4.437	ug/L	#	100
51) Chlorobenzene	11.31	112	602940	4.399	ug/L		98
52) Ethylbenzene	11.39	91	1250936	4.797	ug/L		100
53) m,p-Xylene	11.50	106	456523	4.798	ug/L		93
54) o-Xylene	11.83	106	411256	4.937	ug/L		97
55) Styrene	11.84	104	650530	4.932	ug/L		96
56) Isopropylbenzene	12.13	105	1186768	5.059	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	89440	4.393	ug/L		100
59) 1,2,3-Trichloropropane	12.43	75	62013	4.256	ug/L		98
61) Bromoform	12.01	173	49129	4.007	ug/L		98
62) 1,3-Dichlorobenzene	13.16	146	328568	4.089	ug/L		99
63) 1,4-Dichlorobenzene	13.24	146	378391	4.055	ug/L		100
65) 1,2-Dichlorobenzene	13.53	146	285400	4.107	ug/L		93
66) 1,2-Dibromo-3-chloropropan	14.14	75	9287	3.499	ug/L	#	78
67) 1,3,5-Trichlorobenzene	14.29	180	210434	4.009	ug/L		98
68) 1,2,4-trichlorobenzene	14.78	180	109650	3.846	ug/L		94
69) Naphthalene	15.00	128	97674	3.606	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	87279	4.010	ug/L		99

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

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