Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101118\
Data File : VR026037.D
Acq On : 11 Oct 2018 9:48
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00596

Manual Integrations APPROVED
MMDadoda
10/12/2018 12:20:31 PM

Quant Time: Oct 12 08:06:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	511551	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	447923	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	175299	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.17	65	203463	5.04	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.80%			
7) Chloroethane-d5	2.63	69	176435	5.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.00%			
11) 1,1-Dichloroethene-d2	3.64	63	476963	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.60%			
20) 2-Butanone-d5	6.59	46	208095	46.27	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.54%			
24) Chloroform-d	7.20	84	340185	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	7.90	65	148004	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	7.86	84	677416	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	8.90	67	181743	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.40%			
41) Toluene-d8	9.97	98	652875	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloropropene-	10.24	79	46006	5.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.00%			
46) 2-Hexanone-d5	10.59	63	174302	50.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.24%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77338	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
64) 1,2-Dichlorobenzene-d4	13.52	152	128442	4.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	131088	4.216	ug/L	99
3) Chloromethane	2.02	50	221437	5.008	ug/L	96
5) Vinyl chloride	2.17	62	221060	5.023	ug/L	96
6) Bromomethane	2.53	94	134930	4.911	ug/L	94
8) Chloroethane	2.67	64	138228	5.521	ug/L	95
9) Trichlorofluoromethane	2.99	101	354973m	5.809	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	213926	5.728	ug/L	95
12) 1,1-Dichloroethene	3.66	96	206260	5.341	ug/L	81
13) Acetone	3.70	43	191741	58.825	ug/L	96
14) Carbon disulfide	3.97	76	411458	4.401	ug/L	99
15) Methyl Acetate	4.19	43	49704	5.500	ug/L	96
16) Methylene chloride	4.40	84	181894m	5.122	ug/L	
17) Methyl tert-butyl Ether	4.90	73	218893	5.119	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	150501	4.712	ug/L	92
19) 1,1-Dichloroethane	5.69	63	313428	4.957	ug/L	98
21) 2-Butanone	6.69	43	225222	50.236	ug/L	100
22) cis-1,2-Dichloroethene	6.68	96	155989	4.854	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	43540	4.994	ug/L		91
25) Chloroform	7.23	83	315816	5.129	ug/L		93
27) 1,2-Dichloroethane	7.99	62	158158	5.147	ug/L		97
29) 1,1,1-Trichloroethane	7.43	97	259739	5.157	ug/L		97
30) Cyclohexane	7.52	56	264426	4.201	ug/L		96
31) Carbon tetrachloride	7.64	117	239942	5.501	ug/L		100
33) Benzene	7.91	78	711761	4.738	ug/L		100
34) Trichloroethene	8.71	95	181400	4.582	ug/L		87
35) Methylcyclohexane	8.95	83	270078	4.537	ug/L		97
37) 1,2-Dichloropropane	8.99	63	155576	4.827	ug/L	#	98
38) Bromodichloromethane	9.28	83	180195	5.182	ug/L		97
39) cis-1,3-Dichloropropene	9.72	75	193065	5.342	ug/L		95
40) 4-Methyl-2-pentanone	9.87	43	580909	51.258	ug/L		98
42) Toluene	10.04	91	783452	5.018	ug/L		97
44) trans-1,3-Dichloropropene	10.26	75	136611	5.790	ug/L		98
45) 1,1,2-Trichloroethane	10.45	97	72414	4.967	ug/L		97
47) Tetrachloroethene	10.51	164	125729	5.154	ug/L		89
48) 2-Hexanone	10.63	43	387645	52.242	ug/L		99
49) Dibromochloromethane	10.79	129	80842	5.464	ug/L		99
50) 1,2-Dibromoethane	10.89	107	58256	5.064	ug/L	#	96
51) Chlorobenzene	11.32	112	430031	5.193	ug/L		94
52) Ethylbenzene	11.39	91	916419	5.143	ug/L		99
53) m,p-Xylene	11.50	106	335383	5.287	ug/L		93
54) o-Xylene	11.83	106	310558	5.259	ug/L		93
55) Styrene	11.84	104	495550	5.392	ug/L		91
56) Isopropylbenzene	12.13	105	893567	5.487	ug/L		98
58) 1,1,2,2-Tetrachloroethane	12.39	83	72121	5.134	ug/L		95
59) 1,2,3-Trichloropropane	12.43	75	53498	5.117	ug/L		98
61) Bromoform	12.01	173	28431	5.365	ug/L	#	95
62) 1,3-Dichlorobenzene	13.16	146	252158	4.922	ug/L		90
63) 1,4-Dichlorobenzene	13.24	146	268321	5.120	ug/L		99
65) 1,2-Dichlorobenzene	13.53	146	211518	5.138	ug/L		91
66) 1,2-Dibromo-3-chloropropan	14.14	75	8740	5.049	ug/L		91
67) 1,3,5-Trichlorobenzene	14.29	180	158086	5.180	ug/L		98
68) 1,2,4-trichlorobenzene	14.79	180	97568	5.015	ug/L		97
69) Naphthalene	15.00	128	112232	4.520	ug/L		97
70) 1,2,3-Trichlorobenzene	15.18	180	70484	5.222	ug/L		98

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

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