Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101218\
Data File : VR026068.D
Acq On : 12 Oct 2018 18:52
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00599

Manual Integrations APPROVED
MMDadoda
10/15/2018 11:29:38 AM

Quant Time: Oct 13 02:25:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 13 00:51:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	481320	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	418436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	172470	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	167032	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	2.62	69	162472	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.80%			
11) 1,1-Dichloroethene-d2	3.61	63	406277	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.20%			
20) 2-Butanone-d5	6.59	46	233586	55.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.40%			
24) Chloroform-d	7.20	84	317684	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	7.90	65	144993	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	7.85	84	560568	4.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.60%			
36) 1,2-Dichloropropane-d6	8.90	67	167753	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	9.97	98	505533	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.20%			
43) trans-1,3-Dichloropropene-	10.24	79	41548	4.88	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.60%			
46) 2-Hexanone-d5	10.59	63	196676	60.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.08%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83970	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.20%			
64) 1,2-Dichlorobenzene-d4	13.52	152	120593	4.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	114972	3.930	ug/L	99
3) Chloromethane	2.01	50	192747	4.633	ug/L	100
5) Vinyl chloride	2.17	62	200752	4.848	ug/L	99
6) Bromomethane	2.52	94	126507	4.893	ug/L	93
8) Chloroethane	2.66	64	127807	5.425	ug/L	94
9) Trichlorofluoromethane	2.93	101	335704m	5.839	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	204089	5.807	ug/L	94
12) 1,1-Dichloroethene	3.63	96	190252	5.236	ug/L	89
13) Acetone	3.70	43	161093	52.526	ug/L	91
14) Carbon disulfide	3.94	76	360151	4.095	ug/L	98
15) Methyl Acetate	4.20	43	47021	5.530	ug/L	99
16) Methylene chloride	4.40	84	176583	5.285	ug/L	94
17) Methyl tert-butyl Ether	4.89	73	184048	4.574	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	128396	4.273	ug/L	86
19) 1,1-Dichloroethane	5.69	63	263588	4.430	ug/L	96
21) 2-Butanone	6.69	43	197625	46.849	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	137922	4.561	ug/L #	89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.06	128	38314	4.671	ug/L		91
25) Chloroform	7.23	83	264752	4.570	ug/L		100
27) 1,2-Dichloroethane	7.99	62	136769	4.731	ug/L		98
29) 1,1,1-Trichloroethane	7.43	97	220820	4.693	ug/L		97
30) Cyclohexane	7.52	56	228230	3.882	ug/L		99
31) Carbon tetrachloride	7.64	117	198508	4.872	ug/L		99
33) Benzene	7.91	78	611586	4.358	ug/L		100
34) Trichloroethene	8.71	95	152746	4.130	ug/L		87
35) Methylcyclohexane	8.95	83	233024	4.191	ug/L		97
37) 1,2-Dichloropropane	9.00	63	133323	4.428	ug/L	#	98
38) Bromodichloromethane	9.28	83	150412	4.630	ug/L	#	97
39) cis-1,3-Dichloropropene	9.72	75	159571	4.727	ug/L		95
40) 4-Methyl-2-pentanone	9.87	43	505276	47.726	ug/L		99
42) Toluene	10.04	91	664251	4.555	ug/L		97
44) trans-1,3-Dichloropropene	10.26	75	110785	5.026	ug/L		96
45) 1,1,2-Trichloroethane	10.45	97	62237	4.570	ug/L		94
47) Tetrachloroethene	10.51	164	99784	4.379	ug/L		96
48) 2-Hexanone	10.63	43	346992	50.059	ug/L		96
49) Dibromochloromethane	10.79	129	66677	4.824	ug/L		99
50) 1,2-Dibromoethane	10.89	107	52639	4.899	ug/L	#	92
51) Chlorobenzene	11.32	112	369228	4.773	ug/L		95
52) Ethylbenzene	11.39	91	796167	4.783	ug/L		97
53) m,p-Xylene	11.50	106	281617	4.752	ug/L		91
54) o-Xylene	11.83	106	264469	4.794	ug/L		95
55) Styrene	11.84	104	428701	4.993	ug/L		94
56) Isopropylbenzene	12.13	105	759155	4.990	ug/L		98
58) 1,1,2,2-Tetrachloroethane	12.39	83	64400	4.908	ug/L	#	95
59) 1,2,3-Trichloropropane	12.43	75	46392	4.750	ug/L		95
61) Bromoform	12.01	173	21499	4.123	ug/L	#	92
62) 1,3-Dichlorobenzene	13.16	146	214796	4.261	ug/L		92
63) 1,4-Dichlorobenzene	13.24	146	232537	4.510	ug/L		95
65) 1,2-Dichlorobenzene	13.53	146	182644	4.510	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.14	75	6244	3.667	ug/L	#	73
67) 1,3,5-Trichlorobenzene	14.29	180	133495	4.446	ug/L		96
68) 1,2,4-trichlorobenzene	14.79	180	78290	4.090	ug/L		94
69) Naphthalene	15.00	128	95330	3.903	ug/L		97
70) 1,2,3-Trichlorobenzene	15.18	180	59441	4.476	ug/L		97

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

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