Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080618\
Data File : VR025566.D
Acq On : 6 Aug 2018 22:00
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00591

Manual Integrations APPROVED
MMDadoda
8/8/2018 1:10:39 PM

Quant Time: Aug 07 00:49:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 06 23:40:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	567777	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	502826	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	227785	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.14	65	148347	4.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.20%			
7) Chloroethane-d5	2.64	69	105358	3.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.00%			
11) 1,1-Dichloroethene-d2	3.65	63	370907	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.20%			
20) 2-Butanone-d5	6.60	46	153819	52.90	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.80%			
24) Chloroform-d	7.21	84	281883	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	7.90	65	101718	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	7.86	84	639330	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	8.90	67	171092	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	9.97	98	637079	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
43) trans-1,3-Dichloropropene-	10.24	79	40896	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.20%			
46) 2-Hexanone-d5	10.59	63	169004	58.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.82%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	89803	5.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.20%			
64) 1,2-Dichlorobenzene-d4	13.51	152	165746	4.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	161631	4.97	ug/L	99
3) Chloromethane	2.02	50	216283	5.04	ug/L	99
5) Vinyl chloride	2.16	62	206568	4.82	ug/L	98
6) Bromomethane	2.53	94	90005	3.82	ug/L	90
8) Chloroethane	2.67	64	96933	4.07	ug/L	99
9) Trichlorofluoromethane	2.98	101	312063	5.32	ug/L #	28
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	179689	4.75	ug/L	97
12) 1,1-Dichloroethene	3.67	96	201880	4.98	ug/L	88
13) Acetone	3.71	43	122076	49.94	ug/L	99
14) Carbon disulfide	3.97	76	418784	4.46	ug/L	99
15) Methyl Acetate	4.21	43	36416	4.72	ug/L	97
16) Methylene chloride	4.41	84	167889m	4.90	ug/L	
17) Methyl tert-butyl Ether	4.91	73	202252	4.97	ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	195898	5.04	ug/L	96
19) 1,1-Dichloroethane	5.70	63	282624	4.97	ug/L	96
21) 2-Butanone	6.70	43	199993	58.89	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	187820	5.29	ug/L #	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	63247	5.37	ug/L		91
25) Chloroform	7.24	83	289264	5.14	ug/L		99
27) 1,2-Dichloroethane	8.00	62	119486	5.33	ug/L	#	88
29) 1,1,1-Trichloroethane	7.44	97	200128	4.49	ug/L		99
30) Cyclohexane	7.52	56	254253	4.96	ug/L		99
31) Carbon tetrachloride	7.64	117	210248	4.57	ug/L		100
33) Benzene	7.91	78	764902	4.92	ug/L		100
34) Trichloroethene	8.71	95	179825	4.65	ug/L		92
35) Methylcyclohexane	8.96	83	293425	5.05	ug/L		97
37) 1,2-Dichloropropane	8.99	63	164207	5.02	ug/L		98
38) Bromodichloromethane	9.28	83	166174	4.97	ug/L		94
39) cis-1,3-Dichloropropene	9.72	75	184233	5.10	ug/L		98
40) 4-Methyl-2-pentanone	9.87	43	570113	61.87	ug/L		99
42) Toluene	10.03	91	871407	5.27	ug/L		95
44) trans-1,3-Dichloropropene	10.27	75	130848	5.19	ug/L		100
45) 1,1,2-Trichloroethane	10.45	97	89000	5.47	ug/L		95
47) Tetrachloroethene	10.52	164	164358	4.97	ug/L		98
48) 2-Hexanone	10.64	43	391008	62.92	ug/L		98
49) Dibromochloromethane	10.78	129	106357	5.54	ug/L		96
50) 1,2-Dibromoethane	10.89	107	75393	5.55	ug/L		94
51) Chlorobenzene	11.31	112	519876	5.20	ug/L		99
52) Ethylbenzene	11.39	91	927344	5.16	ug/L		100
53) m,p-Xylene	11.51	106	375489	5.40	ug/L		99
54) o-Xylene	11.83	106	343765	5.38	ug/L		97
55) Styrene	11.85	104	574709	5.65	ug/L		100
56) Isopropylbenzene	12.13	105	877288	5.22	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.38	83	85440	5.54	ug/L		94
59) 1,2,3-Trichloropropane	12.44	75	58876	5.71	ug/L		97
61) Bromoform	12.01	173	44053	4.86	ug/L		99
62) 1,3-Dichlorobenzene	13.16	146	327273	4.97	ug/L		98
63) 1,4-Dichlorobenzene	13.24	146	358743	5.02	ug/L		97
65) 1,2-Dichlorobenzene	13.53	146	287594	5.08	ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.15	75	7530	4.30	ug/L	#	59
67) 1,3,5-Trichlorobenzene	14.29	180	212544	4.75	ug/L		97
68) 1,2,4-trichlorobenzene	14.79	180	145420	5.05	ug/L		100
69) Naphthalene	15.00	128	163740	4.98	ug/L		100
70) 1,2,3-Trichlorobenzene	15.18	180	125498	5.67	ug/L		98

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

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