Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017314.D
Acq On : 24 Oct 2018 13:04
Operator : MJ/SJ
Sample : SSTD16071
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16071

Manual Integrations APPROVED
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10/25/2018 3:33:48 PM

Quant Time: Oct 24 13:42:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 24 11:57:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	287504	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1316599	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	808409	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1882282	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	2131725	20.00	ng/ul	0.01
86) Perylene-d12	23.47	264	2419345	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.86	99	4408337	183.41	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.01	67	2420852	166.11	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.39	113	3481868	184.89	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.59	131	2751357	113.68	ng/ul	0.01
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.56	143	2223224	183.44	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.46	200	2294053	206.66	ng/ul	0.03
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.82	77	819415m	54.924	ng/ul	
6) Phenol	6.88	94	4294497	178.611	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.10	93	3123782	167.811	ng/ul	99
11) 2-Methylphenol	8.11	108	3316962	183.216	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.19	45	4115047	153.693	ng/ul	97
14) Acetophenone	8.49	105	5079414	169.725	ng/ul	98
16) 4-Methylphenol	8.46	108	3509763	180.947	ng/ul	98
30) 4-Chloroaniline	10.61	127	2775700	113.169	ng/ul	99
32) Caprolactam	11.46	113	1216067m	203.876	ng/ul	
38) Hexachlorocyclopentadiene	12.45	237	2889467	162.330	ng/ul	100
49) 3-Nitroaniline	14.24	138	2149517	180.743	ng/ul	95
51) 2,4-Dinitrophenol	14.45	184	1739761	252.210	ng/ul	98
53) 4-Nitrophenol	14.57	109	1638245	186.180	ng/ul	96
61) 4-Nitroaniline	15.43	138	2530683	180.293	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.47	198	2291361	194.756	ng/ul#	92
68) Atrazine	16.55	200	3307099	170.570	ng/ul	98
69) Pentachlorophenol	16.71	266	2568146	178.405	ng/ul	98
75) Carbazole	17.47	167	14039290	151.267	ng/ul#	90
77) Fluoranthene	19.12	202	15710132	128.507	ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.19	252	6623634	174.904	ng/ul	99
87) Di-n-octyl phthalate	22.05	149	15225149	117.687	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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