Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101717\

Quantitation Report (QT/LSC Reviewed)

Data File : BM012277.D
Acq On : 18 Oct 2017 08:20
Operator : SJ/JU
Sample : I5747-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-23(1-3)-100517

Manual Integrations APPROVED
Sohil
10/18/2017 7:33:53 PM

Quant Time: Oct 30 08:21:38 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 08:12:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	211813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	778803	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	511141	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1202718	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1232564	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	937661	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	17945	4.03	ng/uL	0.00
5) Phenol-d5	6.96	99	486732	28.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	296845	28.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	461793	31.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	304788	20.60	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	175538	29.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	213724	30.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	406887	30.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	424151	34.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1413148	31.28	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1693544	30.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	131537	19.37	ng/ul	0.00
57) Fluorene-d10	15.43	176	1192824	32.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	158140	19.16	ng/ul	0.00
70) Anthracene-d10	17.29	188	1836111	30.87	ng/ul	0.00
76) Pyrene-d10	19.58	212	2404402	38.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1426056	31.55	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.93	77	62438	5.44	ng/ul	96
6) Phenol	6.98	94	113833	6.41	ng/ul	97
69) Phenanthrene	17.23	178	208432	3.05	ng/ul	98
74) Fluoranthene	19.24	202	523948	6.35	ng/ul#	96
77) Pyrene	19.61	202	592706	7.28	ng/ul#	95
80) Benzo(a)anthracene	21.35	228	299598	3.74	ng/ul	97
82) Chrysene	21.40	228	330067	4.38	ng/ul	96
85) Benzo(b)fluoranthene	22.97	252	446582	7.30	ng/ul#	97
86) Benzo(k)fluoranthene	23.01	252	140024m	2.37	ng/ul	
88) Benzo(a)pyrene	23.56	252	267604	4.64	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.00	276	210948	3.44	ng/ul	97
91) Benzo(g,h,i)perylene	26.73	276	189464	3.78	ng/ul	95

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

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