Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012587.D
Acq On : 30 Oct 2017 23:26
Operator : SJ/JU
Sample : I5886-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESNE5

Manual Integrations APPROVED
Sohil
10/31/2017 7:47:18 PM

Quant Time: Oct 31 05:04:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	347851	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1317261	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	752538	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1700491	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2016801	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2291153	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	24542	3.60	ng/uL	0.00
5) Phenol-d5	7.02	99	422424	14.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	279140	16.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	350685	16.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	231055	9.30	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	169439	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	194320	22.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	354608	15.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	248861	10.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1036040	15.76	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1289860	16.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	121609	12.44	ng/ul	0.00
57) Fluorene-d10	15.47	176	907506	16.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	110961	13.48	ng/ul	0.00
70) Anthracene-d10	17.33	188	1317137	16.25	ng/ul	0.00
76) Pyrene-d10	19.62	212	1509384	16.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1706396	15.68	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.05	94	61688	2.039	ng/ul#	83
69) Phenanthrene	17.27	178	1385114	15.062	ng/ul	99
71) Anthracene	17.36	178	189299	1.992	ng/ul	98
72) Carbazole	17.63	167	155692	1.978	ng/ul	99
74) Fluoranthene	19.28	202	4408026	42.303	ng/ul#	91
77) Pyrene	19.64	202	3570217	31.129	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	1873585	15.514	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	69570	1.012	ng/ul	98
82) Chrysene	21.43	228	2217822	20.654	ng/ul	98
85) Benzo(b)fluoranthene	23.01	252	3578652	25.267	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	1012601m	7.596	ng/ul	
88) Benzo(a)pyrene	23.60	252	2166836	16.046	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	1914133	12.044	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.03	278	442454	3.284	ng/ul#	92
91) Benzo(g,h,i)perylene	26.74	276	1596753	12.397	ng/ul#	96

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

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