Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012818\
Data File : BM013925.D
Acq On : 28 Jan 2018 16:52
Operator : SJ/JU
Sample : J1244-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B53

Manual Integrations APPROVED
Sohil
1/29/2018 6:07:49 PM

Quant Time: Feb 09 12:29:44 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 02:34:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	118331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	449560	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	266504	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	636536	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	770471	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	765469	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	13769	4.60	ng/uL	0.00
5) Phenol-d5	6.77	99	260434	28.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	167790	30.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	227562	30.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	221667	31.74	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	112653	32.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	121333	32.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	230918	32.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	241259	39.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	717149	32.65	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	920506	32.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	79149	22.17	ng/ul	0.00
57) Fluorene-d10	15.23	176	649433	33.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	86314	22.53	ng/ul	0.00
70) Anthracene-d10	17.09	188	1022065	32.97	ng/ul	0.00
76) Pyrene-d10	19.39	212	1238865	34.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	1240070	35.25	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.79	94	34556	3.793	ng/ul#	90
28) Naphthalene	10.40	128	820393	36.681	ng/ul	100
34) 2-Methylnaphthalene	12.02	142	662693	39.742	ng/ul	97
40) 1,1'-Biphenyl	13.06	154	212135	9.563	ng/ul	97
44) Dimethylphthalate	13.70	163	217651	10.078	ng/ul#	98
49) Acenaphthene	14.30	153	837597	47.191	ng/ul	98
53) Dibenzofuran	14.63	168	833991	31.234	ng/ul	98
58) Fluorene	15.29	166	804000	36.759	ng/ul	99
69) Phenanthrene	17.03	178	4041158	114.214	ng/ul	99
71) Anthracene	17.12	178	453376	12.423	ng/ul	97
72) Carbazole	17.40	167	132822	4.409	ng/ul	98
74) Fluoranthene	19.06	202	2418004	57.251	ng/ul#	96
77) Pyrene	19.42	202	1567155	33.458	ng/ul#	96
80) Benzo(a)anthracene	21.17	228	341864	7.343	ng/ul	98
82) Chrysene	21.22	228	264963	6.204	ng/ul	94
85) Benzo(b)fluoranthene	22.73	252	165981	3.531	ng/ul#	96
86) Benzo(k)fluoranthene	22.77	252	66596m	1.466	ng/ul	
88) Benzo(a)pyrene	23.27	252	87100	1.961	ng/ul#	96

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

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