Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014431.D
Acq On : 01 Mar 2018 09:19
Operator : SJ/JU
Sample : J1679-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE610

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:58 PM

Quant Time: Mar 01 13:04:13 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	148201	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	679350	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	401806	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	871963	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	792210	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	608248	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	9111	2.63	ng/uL	0.00
5) Phenol-d5	6.72	99	215671	17.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	130836	17.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	179396	18.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	179226	16.35	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	90186	17.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	95933	18.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	185327m	17.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	153456	14.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	608236	18.33	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	790517	19.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	70691m	15.43	ng/ul	0.03
57) Fluorene-d10	15.18	176	510127	17.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	12518	2.39	ng/ul	0.01
70) Anthracene-d10	17.03	188	760629	18.08	ng/ul	0.00
76) Pyrene-d10	19.35	212	824872	20.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	534418	18.05	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.33	128	80240	2.300	ng/ul#	94
34) 2-Methylnaphthalene	11.96	142	30174	1.136	ng/ul	94
44) Dimethylphthalate	13.65	163	130396	3.985	ng/ul	97
47) Acenaphthylene	13.89	152	48569	1.256	ng/ul	99
49) Acenaphthene	14.24	153	96848	3.556	ng/ul	96
53) Dibenzofuran	14.58	168	78097	1.913	ng/ul	92
58) Fluorene	15.24	166	119194	3.381	ng/ul	96
69) Phenanthrene	16.98	178	1624749	32.340	ng/ul	99
71) Anthracene	17.07	178	298835	5.915	ng/ul	100
72) Carbazole	17.36	167	167937	3.953	ng/ul	98
74) Fluoranthene	19.01	202	2074713	34.566	ng/ul#	92
77) Pyrene	19.38	202	1765523	33.534	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	830213	16.792	ng/ul	96
82) Chrysene	21.19	228	756192	16.395	ng/ul	95
85) Benzo(b)fluoranthene	22.69	252	751160	18.444	ng/ul#	95
86) Benzo(k)fluoranthene	22.72	252	280246m	7.237	ng/ul	
88) Benzo(a)pyrene	23.23	252	507720	13.951	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.49	276	299795	8.489	ng/ul#	98
90) Dibenzo(a,h)anthracene	25.49	278	97412m	3.320	ng/ul	
91) Benzo(g,h,i)perylene	26.16	276	262525	9.176	ng/ul#	97

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

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