Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014482.D
Acq On : 05 Mar 2018 20:47
Operator : SJ/JU
Sample : J1679-02DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7DL

Manual Integrations APPROVED
Sohil
3/6/2018 5:47:09 PM

Quant Time: Mar 06 01:23:15 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	76765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	306340	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	170341	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	378315	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	332816	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	324505	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	1554m	0.87	ng/uL	0.01
5) Phenol-d5	6.75	99	24505m	3.78	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.87	67	15574	3.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	21804	4.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	16459m	2.90	ng/ul	0.02
19) Nitrobenzene-d5	8.69	128	10452m	4.62	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	10118m	4.32	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	15042m	3.10	ng/ul	0.06
29) 4-Chloroaniline-d4	10.49	131	13899m	2.91	ng/ul	0.04
43) Dimethylphthalate-d6	13.60	166	62658	4.45	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	79034	4.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	1027	0.53	ng/ul	0.05
57) Fluorene-d10	15.18	176	51052	4.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	1721m	0.76	ng/ul	0.02
70) Anthracene-d10	17.04	188	76389	4.19	ng/ul	0.00
76) Pyrene-d10	19.35	212	81153	4.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	66041	4.18	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.65	163	19306	1.392	ng/ul#	91
53) Dibenzofuran	14.59	168	29651	1.713	ng/ul	97
58) Fluorene	15.24	166	41716	2.791	ng/ul	98
69) Phenanthrene	16.98	178	620499	28.467	ng/ul	97
71) Anthracene	17.07	178	127467m	5.815	ng/ul	
72) Carbazole	17.37	167	49453	2.683	ng/ul#	96
74) Fluoranthene	19.01	202	686104	26.346	ng/ul#	95
77) Pyrene	19.38	202	524158	23.698	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	242169	11.659	ng/ul	99
82) Chrysene	21.19	228	192819	9.951	ng/ul	94
85) Benzo(b)fluoranthene	22.69	252	257603	11.856	ng/ul#	93
86) Benzo(k)fluoranthene	22.73	252	63264m	3.062	ng/ul	
88) Benzo(a)pyrene	23.24	252	170669	8.790	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.51	276	112917	5.993	ng/ul	96
90) Dibenzo(a,h)anthracene	25.51	278	29103m	1.859	ng/ul	
91) Benzo(g,h,i)perylene	26.18	276	98695	6.466	ng/ul	97

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

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