Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014473.D
Acq On : 05 Mar 2018 15:11
Operator : SJ/JU
Sample : J1678-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W2

Manual Integrations APPROVED
Sohil
3/6/2018 5:46:54 PM

Quant Time: Mar 05 16:16:18 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	100288	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	450579	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	265268	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	503083	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	386668	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	371462	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	9795	4.18	ng/uL	0.00
5) Phenol-d5	6.73	99	232181	27.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	143268	27.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	194097	29.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	191463	25.82	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	98524	29.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	117368	34.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	196495	27.53	ng/ul	0.01
29) 4-Chloroaniline-d4	10.45	131	145599m	20.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	714193	32.60	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	888395	32.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	65601m	21.69	ng/ul	0.03
57) Fluorene-d10	15.18	176	578837	29.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	48457m	16.06	ng/ul	0.01
70) Anthracene-d10	17.04	188	793011	32.67	ng/ul	0.00
76) Pyrene-d10	19.36	212	693095	34.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	564364	31.22	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.33	128	44197	1.910	ng/ul	97
34) 2-Methylnaphthalene	11.96	142	23681	1.344	ng/ul	89
44) Dimethylphthalate	13.65	163	107009	4.954	ng/ul	98
47) Acenaphthylene	13.90	152	42625	1.669	ng/ul#	93
69) Phenanthrene	16.99	178	296065	10.214	ng/ul	99
71) Anthracene	17.07	178	84115m	2.886	ng/ul	
72) Carbazole	17.37	167	33851	1.381	ng/ul#	93
73) Di-n-butylphthalate	17.92	149	47401	1.499	ng/ul#	91
74) Fluoranthene	19.02	202	618919	17.872	ng/ul#	98
77) Pyrene	19.39	202	566212	22.034	ng/ul	98
78) Butylbenzylphthalate	20.29	149	30565	2.877	ng/ul#	62
80) Benzo(a)anthracene	21.15	228	306806	12.714	ng/ul#	93
81) Bis(2-ethylhexyl)phthalate	21.07	149	4915203	323.009	ng/ul#	95
82) Chrysene	21.20	228	323051	14.350	ng/ul#	93
85) Benzo(b)fluoranthene	22.70	252	442088	17.774	ng/ul#	91
86) Benzo(k)fluoranthene	22.74	252	160609	6.792	ng/ul#	90
88) Benzo(a)pyrene	23.26	252	293259	13.194	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.54	276	238633	11.064	ng/ul	98
90) Dibenzo(a,h)anthracene	25.53	278	63718	3.555	ng/ul#	70
91) Benzo(g,h,i)perylene	26.21	276	187195	10.714	ng/ul#	83

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

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