Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014559.D
Acq On : 14 Mar 2018 00:53
Operator : SJ/JU
Sample : J1813-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F20

Manual Integrations APPROVED
Sohil
3/14/2018 1:36:11 PM

Quant Time: Mar 14 03:48:34 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 02:08:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	89659	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	394551	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.15	164	230625	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.91	188	504616	20.00	ng/ul	0.00
75) Chrysene-d12	21.13	240	391142	20.00	ng/ul	0.00
83) Perylene-d12	23.31	264	346358	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	6717	3.21	ng/uL	0.00
5) Phenol-d5	6.70	99	220625	29.12	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	135559	29.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	183983	31.66	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	190260	28.69	ng/ul	0.01
19) Nitrobenzene-d5	8.65	128	100947	34.62	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	107500	35.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	207502	33.20	ng/ul	0.01
29) 4-Chloroaniline-d4	10.42	131	141697m	23.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	690425	36.25	ng/ul	0.00
46) Acenaphthylene-d8	13.83	160	830027	35.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	85744m	32.61	ng/ul	0.00
57) Fluorene-d10	15.15	176	568616	33.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	24713	8.16	ng/ul	0.00
70) Anthracene-d10	17.02	188	861174	35.37	ng/ul	0.01
76) Pyrene-d10	19.33	212	848519	42.06	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.17	264	591287m	35.08	ng/ul	0.02
Target Compounds						Qvalue
44) Dimethylphthalate	13.62	163	85917	4.575	ng/ul	97
49) Acenaphthene	14.21	153	22862	1.463	ng/ul	89
69) Phenanthrene	16.96	178	243238	8.366	ng/ul	99
71) Anthracene	17.04	178	59092m	2.021	ng/ul	
72) Carbazole	17.34	167	38113	1.550	ng/ul#	94
74) Fluoranthene	18.99	202	458883	13.211	ng/ul	98
77) Pyrene	19.36	202	379481	14.599	ng/ul#	98
80) Benzo(a)anthracene	21.12	228	205175	8.405	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.04	149	31523	2.048	ng/ul	94
82) Chrysene	21.17	228	210090	9.226	ng/ul	98
85) Benzo(b)fluoranthene	22.67	252	289253	12.472	ng/ul#	93
86) Benzo(k)fluoranthene	22.70	252	96219	4.364	ng/ul#	91
88) Benzo(a)pyrene	23.22	252	185948	8.973	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.47	276	144472	7.184	ng/ul	97
90) Dibenzo(a,h)anthracene	25.48	278	38706m	2.316	ng/ul	
91) Benzo(g,h,i)perylene	26.14	276	121967	7.487	ng/ul#	83

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

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