Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014370.D
Acq On : 26 Feb 2018 23:23
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Z1

Manual Integrations APPROVED
Sohil
2/27/2018 4:58:42 PM

Quant Time: Feb 27 06:10:55 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	142942	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	647421	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	377493	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	756960	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	585782	20.00	ng/ul	0.01
83) Perylene-d12	23.34	264	518121	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	19257m	5.77	ng/uL	0.00
5) Phenol-d5	6.73	99	380316	31.48	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	236688	32.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	324506	35.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	274583	25.98	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	169023	35.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	188377	38.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	348082	33.94	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	204905	20.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	1145775	36.75	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1438552	37.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	101960	23.69	ng/ul	0.02
57) Fluorene-d10	15.19	176	958213	34.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	27312	6.01	ng/ul	0.02
70) Anthracene-d10	17.04	188	1403287	38.42	ng/ul	0.00
76) Pyrene-d10	19.36	212	1293800	42.82	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.21	264	946909	37.55	ng/ul	0.03
Target Compounds						Qvalue
4) Benzaldehyde	6.70	77	8000	1.624	ng/ul#	67
6) Phenol	6.76	94	55956	4.414	ng/ul	97
14) Acetophenone	8.35	105	41582	2.280	ng/ul	88
28) Naphthalene	10.35	128	238312	7.167	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	52980	2.093	ng/ul	98
44) Dimethylphthalate	13.66	163	669109	21.766	ng/ul	100
47) Acenaphthylene	13.90	152	177421	4.883	ng/ul	97
49) Acenaphthene	14.24	153	124007	4.847	ng/ul	100
53) Dibenzofuran	14.59	168	140672	3.667	ng/ul	96
56) Diethylphthalate	15.03	149	51047	1.490	ng/ul	94
58) Fluorene	15.24	166	183371	5.537	ng/ul	98
69) Phenanthrene	16.99	178	3753493	86.064	ng/ul	99
71) Anthracene	17.08	178	741803	16.913	ng/ul	99
72) Carbazole	17.36	167	317086	8.598	ng/ul#	96
74) Fluoranthene	19.02	202	5686871	109.141	ng/ul#	90
77) Pyrene	19.39	202	4852426	124.647	ng/ul#	92
80) Benzo(a)anthracene	21.15	228	2290445	62.651	ng/ul	95
82) Chrysene	21.20	228	2084532	61.122	ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	2646917	76.297	ng/ul#	97
86) Benzo(k)fluoranthene	22.74	252	806516m	24.452	ng/ul	
88) Benzo(a)pyrene	23.26	252	1817225	58.618	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.51	276	1209438	40.204	ng/ul	97
90) Dibenzo(a,h)anthracene	25.51	278	356948m	14.280	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.19	276	901491	36.992	ng/ul#	95

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

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