Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014382.D
Acq On : 27 Feb 2018 14:49
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 09 04:53:08 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

Instrument : BNA_M
ClientSampleId : BE5Y4

Manual Integrations APPROVED
Sohil
2/28/2018 1:59:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	105163	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	434626	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	251018	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	523547	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	496113	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	500487	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	6096	2.48	ng/uL	0.00
5) Phenol-d5	6.73	99	124281	13.98	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	82002	15.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	106733	15.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	97501	12.54	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	52592	16.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	62017	18.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	104503	15.18	ng/ul	0.02
29) 4-Chloroaniline-d4	10.47	131	28336	4.18	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	368696	17.79	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	454073	17.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	40991	14.32	ng/ul	0.02
57) Fluorene-d10	15.18	176	322574	17.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	24785	7.89	ng/ul	0.01
70) Anthracene-d10	17.04	188	500049	19.80	ng/ul	0.00
76) Pyrene-d10	19.35	212	513501	20.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	463566	19.03	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.70	77	16798m	4.636	ng/ul	
6) Phenol	6.76	94	26922	2.887	ng/ul	94
14) Acetophenone	8.35	105	69825	5.204	ng/ul	89
44) Dimethylphthalate	13.65	163	87769	4.294	ng/ul#	98
47) Acenaphthylene	13.90	152	51662	2.138	ng/ul#	97
58) Fluorene	15.24	166	30414	1.381	ng/ul#	84
69) Phenanthrene	16.98	178	705839	23.400	ng/ul	98
71) Anthracene	17.07	178	143114	4.718	ng/ul	99
72) Carbazole	17.36	167	56680	2.222	ng/ul	97
74) Fluoranthene	19.02	202	1337839	37.122	ng/ul#	95
77) Pyrene	19.38	202	1160575	35.201	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	637313	20.583	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	183913	9.420	ng/ul#	95
82) Chrysene	21.19	228	598753	20.730	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	789573	23.561	ng/ul#	96
86) Benzo(k)fluoranthene	22.72	252	305036m	9.574	ng/ul	
88) Benzo(a)pyrene	23.24	252	571594	19.087	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.50	276	392769	13.516	ng/ul	97
90) Dibenzo(a,h)anthracene	25.50	278	108119m	4.478	ng/ul	
91) Benzo(g,h,i)perylene	26.16	276	312711	13.284	ng/ul#	97

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

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