Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014383.D
Acq On : 27 Feb 2018 15:25
Operator : SJ/JU
Sample : J1631-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y5

Manual Integrations APPROVED
Sohil
2/28/2018 1:59:08 PM

Quant Time: Feb 27 17:15:09 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	7.52	152	102457	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	439838	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	247305	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	517540	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	478109	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	481908	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	10609	4.43	ng/uL	0.00
5) Phenol-d5	6.73	99	213544	24.66	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	140678	26.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	188133	28.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	146329	19.31	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	93557	28.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	105466	31.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	189659	27.22	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	82650	12.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	624124	30.56	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	774049	30.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	64510	22.88	ng/ul	0.02
57) Fluorene-d10	15.18	176	532813	29.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	30836	9.93	ng/ul	0.01
70) Anthracene-d10	17.04	188	786825	31.51	ng/ul	0.00
76) Pyrene-d10	19.35	212	817015	33.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	729127	31.09	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.70	77	9253m	2.621	ng/ul	
6) Phenol	6.76	94	22375	2.462	ng/ul	89
14) Acetophenone	8.35	105	129831	9.932	ng/ul	94
44) Dimethylphthalate	13.65	163	220891	10.968	ng/ul	99
47) Acenaphthylene	13.90	152	40997	1.722	ng/ul	97
69) Phenanthrene	16.98	178	380120	12.748	ng/ul	98
71) Anthracene	17.07	178	95126	3.172	ng/ul	97
72) Carbazole	17.36	167	36001	1.428	ng/ul#	96
73) Di-n-butylphthalate	17.92	149	69481	2.136	ng/ul#	93
74) Fluoranthene	19.02	202	889275	24.962	ng/ul#	96
77) Pyrene	19.38	202	894000	28.136	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	491339	16.466	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.07	149	29105	1.547	ng/ul	96
82) Chrysene	21.19	228	520988	18.716	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	694020	21.508	ng/ul#	95
86) Benzo(k)fluoranthene	22.72	252	199790m	6.512	ng/ul	
88) Benzo(a)pyrene	23.24	252	478363	16.590	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.50	276	337408	12.059	ng/ul	98
90) Dibenzo(a,h)anthracene	25.50	278	102081	4.391	ng/ul#	65
91) Benzo(g,h,i)perylene	26.16	276	260163	11.478	ng/ul#	92

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

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