Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013872.D
Acq On : 27 Jan 2018 07:57
Operator : SJ/JU
Sample : J1222-13DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A95DL

Manual Integrations APPROVED
Sohil
1/29/2018 7:21:22 PM

Quant Time: Jan 27 22:18:34 2018
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	132186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	515275	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	303401	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	693765	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	755400	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	770647	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	1134	0.34	ng/uL	0.00
5) Phenol-d5	6.79	99	17661m	1.74	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.94	67	12085	1.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	15292	1.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	12869	1.65	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	9386m	2.35	ng/ul	0.02
22) 2-Nitrophenol-d4	9.47	143	8660m	2.05	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.03	165	12895	1.58	ng/ul	0.04
29) 4-Chloroaniline-d4	10.55	131	3078m	0.43	ng/ul	0.04
43) Dimethylphthalate-d6	13.66	166	58001	2.32	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	73199	2.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	659	0.16	ng/ul	0.00
57) Fluorene-d10	15.24	176	55220	2.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	6272m	1.50	ng/ul	0.02
70) Anthracene-d10	17.09	188	84878	2.51	ng/ul	0.00
76) Pyrene-d10	19.39	212	95736	2.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	86841	2.45	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.41	128	40623	1.585	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	46837	2.451	ng/ul	89
49) Acenaphthene	14.30	153	224374	11.104	ng/ul	94
53) Dibenzofuran	14.64	168	189637	6.239	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.87	232	114333	17.952	ng/ul#	89
58) Fluorene	15.29	166	160632	6.451	ng/ul#	96
68) Pentachlorophenol	16.66	266	2332334	497.620	ng/ul	97
69) Phenanthrene	17.03	178	999880	25.928	ng/ul	98
71) Anthracene	17.13	178	231085m	5.810	ng/ul	
72) Carbazole	17.40	167	51290	1.562	ng/ul#	91
74) Fluoranthene	19.06	202	1409380	30.617	ng/ul#	97
77) Pyrene	19.42	202	1065752	23.207	ng/ul#	95
80) Benzo(a)anthracene	21.17	228	195957	4.293	ng/ul	98
82) Chrysene	21.21	228	328612m	7.848	ng/ul	
85) Benzo(b)fluoranthene	22.73	252	600132	12.680	ng/ul#	96
86) Benzo(k)fluoranthene	22.77	252	118190m	2.584	ng/ul	
88) Benzo(a)pyrene	23.29	252	207153	4.633	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.57	276	136143	2.580	ng/ul#	91
91) Benzo(g,h,i)perylene	26.24	276	122328	2.816	ng/ul#	89

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

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