Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030218\
Data File : BM014459.D
Acq On : 02 Mar 2018 13:31
Operator : SJ/JU
Sample : J1679-05RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE610RE

Manual Integrations APPROVED
Sohil
3/5/2018 3:21:02 PM

Quant Time: Mar 08 11:31:53 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 14:54:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	141478	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	621567	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	370504	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	779004	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	622922	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	491632	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	7986	2.42	ng/uL	0.00
5) Phenol-d5	6.73	99	198287	16.58	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	120702	16.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	161427	17.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	158920	15.19	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	81818	17.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	94707	19.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	157574	16.00	ng/ul	0.01
29) 4-Chloroaniline-d4	10.45	131	143176	14.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	534864	17.48	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	691314	18.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	52768	12.49	ng/ul	0.05
57) Fluorene-d10	15.18	176	441210	16.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	20424	4.37	ng/ul	0.02
70) Anthracene-d10	17.04	188	644165	17.14	ng/ul	0.00
76) Pyrene-d10	19.35	212	663968	20.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	399340	16.69	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.33	128	67649	2.119	ng/ul	99
44) Dimethylphthalate	13.65	163	112779	3.738	ng/ul	98
49) Acenaphthene	14.24	153	83727	3.334	ng/ul	93
53) Dibenzofuran	14.58	168	64130	1.703	ng/ul	92
58) Fluorene	15.24	166	100585	3.094	ng/ul	96
69) Phenanthrene	16.99	178	1376667	30.672	ng/ul	98
71) Anthracene	17.07	178	244022	5.406	ng/ul	97
72) Carbazole	17.36	167	149428	3.937	ng/ul#	95
74) Fluoranthene	19.02	202	1676607	31.266	ng/ul#	93
77) Pyrene	19.38	202	1428049	34.496	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	615841	15.841	ng/ul	99
82) Chrysene	21.20	228	563666	15.542	ng/ul	95
85) Benzo(b)fluoranthene	22.70	252	573725	17.428	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	196868m	6.290	ng/ul	
88) Benzo(a)pyrene	23.25	252	387983	13.189	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.52	276	226829	7.946	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.51	278	66672	2.811	ng/ul#	83
91) Benzo(g,h,i)perylene	26.19	276	207720	8.983	ng/ul#	96

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

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