Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014399.D
Acq On : 28 Feb 2018 12:12
Operator : SJ/JU
Sample : J1646-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5X7

Manual Integrations APPROVED
Sohil
3/1/2018 5:14:26 PM

Quant Time: Feb 28 16:26:22 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 12:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	111533	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	464946	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	260083	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	578474	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	568996	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	546547	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	10111	3.88	ng/uL	0.00
5) Phenol-d5	6.72	99	226284	24.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	139227	24.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	193252	26.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	172823	20.95	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	97015	28.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	110642	31.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	189513m	25.73	ng/ul	0.01
29) 4-Chloroaniline-d4	10.45	131	159003m	21.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	606447	28.24	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	779323	29.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	69238m	23.35	ng/ul	0.02
57) Fluorene-d10	15.18	176	517964	26.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	34234	9.87	ng/ul	0.01
70) Anthracene-d10	17.04	188	775257	27.78	ng/ul	0.00
76) Pyrene-d10	19.35	212	831239	28.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	717089	26.96	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.75	94	27932	2.824	ng/ul	91
28) Naphthalene	10.34	128	74409	3.116	ng/ul	96
44) Dimethylphthalate	13.65	163	161644	7.632	ng/ul	99
47) Acenaphthylene	13.90	152	86447	3.453	ng/ul#	93
49) Acenaphthene	14.24	153	44591	2.530	ng/ul	99
53) Dibenzofuran	14.59	168	35882	1.358	ng/ul	97
58) Fluorene	15.24	166	48424	2.122	ng/ul#	97
69) Phenanthrene	16.98	178	1162549	34.881	ng/ul	99
71) Anthracene	17.07	178	271686	8.105	ng/ul	99
72) Carbazole	17.36	167	94193	3.342	ng/ul	96
74) Fluoranthene	19.02	202	2108047	52.940	ng/ul#	94
77) Pyrene	19.38	202	1847158	48.849	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	978787	27.563	ng/ul	98
82) Chrysene	21.19	228	831881	25.112	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	1109755	30.325	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	289236m	8.313	ng/ul	
88) Benzo(a)pyrene	23.24	252	756186	23.123	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.49	276	478839	15.090	ng/ul	98
90) Dibenzo(a,h)anthracene	25.50	278	139545	5.292	ng/ul#	84
91) Benzo(g,h,i)perylene	26.16	276	341986	13.303	ng/ul#	93

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

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