Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014454.D
Acq On : 02 Mar 2018 10:31
Operator : SJ/JU
Sample : J1646-07RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X1RE

Manual Integrations APPROVED
Sohil
3/5/2018 3:20:50 PM

Quant Time: Mar 08 17:14:02 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	95759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	438325	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	279099	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	619984	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	627344	20.00	ng/ul	0.01
83) Perylene-d12	23.34	264	477840	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	7011	3.13	ng/uL	0.00
5) Phenol-d5	6.72	99	175751	21.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	107802	22.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	139068	22.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	138573	19.57	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	74142	22.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	91041	27.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	151778	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	40236	5.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	525594	22.80	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	657726	23.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	65674	20.64	ng/ul	0.04
57) Fluorene-d10	15.17	176	455205	22.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	69829	18.78	ng/ul	0.01
70) Anthracene-d10	17.04	188	702967	23.50	ng/ul	0.00
76) Pyrene-d10	19.35	212	789933	24.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	523428	22.51	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.75	94	23165	2.728	ng/ul	88
28) Naphthalene	10.33	128	40086	1.781	ng/ul	96
44) Dimethylphthalate	13.65	163	180979	7.963	ng/ul	99
47) Acenaphthylene	13.89	152	76000	2.829	ng/ul	97
49) Acenaphthene	14.24	153	76061	4.021	ng/ul	95
53) Dibenzofuran	14.58	168	57783m	2.037	ng/ul	
58) Fluorene	15.23	166	90945	3.714	ng/ul	90
69) Phenanthrene	16.98	178	2173907	60.858	ng/ul	99
71) Anthracene	17.07	178	404785	11.268	ng/ul	97
72) Carbazole	17.36	167	134617	4.456	ng/ul#	94
74) Fluoranthene	19.02	202	3714533	87.038	ng/ul#	93
77) Pyrene	19.39	202	3862856	92.653	ng/ul#	93
78) Butylbenzylphthalate	20.29	149	50894	2.952	ng/ul#	83
80) Benzo(a)anthracene	21.14	228	1748092	44.648	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	4062914	164.567	ng/ul#	95
82) Chrysene	21.20	228	1587142	43.454	ng/ul	98
85) Benzo(b)fluoranthene	22.70	252	1488346	46.518	ng/ul#	99
86) Benzo(k)fluoranthene	22.73	252	550345	18.092	ng/ul#	97
88) Benzo(a)pyrene	23.25	252	1106914	38.715	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.52	276	643881	23.208	ng/ul	99
90) Dibenzo(a,h)anthracene	25.52	278	174474	7.568	ng/ul#	87
91) Benzo(g,h,i)perylene	26.19	276	509479	22.668	ng/ul#	96

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

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