Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
Data File : BM018191.D
Acq On : 15 Dec 2018 05:47
Operator : JU/SJ
Sample : J6238-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE8B5

Manual Integrations APPROVED
Sohil
12/17/2018 4:17:32 PM

Quant Time: Dec 15 20:31:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 15 03:53:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	141317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	598406	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	332691	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	742194	20.00	ng/ul	0.01
77) Chrysene-d12	21.15	240	720474	20.00	ng/ul	0.01
85) Perylene-d12	23.32	264	770186	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	8250m	2.79	ng/uL	0.00
5) Phenol-d5	6.71	99	171673	12.64	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	103200	14.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	140372	13.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	136189	12.36	ng/ul	0.01
19) Nitrobenzene-d5	8.67	128	70114	14.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	72238	12.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	128479	12.78	ng/ul	0.01
29) 4-Chloroaniline-d4	10.44	131	124816	14.04	ng/ul	0.01
43) Dimethylphthalate-d6	13.59	166	436065	14.82	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	527514	14.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	40196m	7.57	ng/ul	0.02
57) Fluorene-d10	15.17	176	384614	15.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	8280	1.46	ng/ul	0.02
70) Anthracene-d10	17.03	188	588832	15.70	ng/ul	0.00
78) Pyrene-d10	19.34	212	599884	17.36	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.18	264	650707	15.25	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.73	94	31498	2.358	ng/ul	93
28) Naphthalene	10.33	128	55911	1.737	ng/ul	97
44) Dimethylphthalate	13.64	163	44788	1.598	ng/ul	97
47) Acenaphthylene	13.89	152	70523	2.077	ng/ul	93
49) Acenaphthene	14.23	153	77664	3.247	ng/ul	95
53) Dibenzofuran	14.57	168	51404	1.555	ng/ul	94
58) Fluorene	15.23	166	95798	3.487	ng/ul	99
69) Phenanthrene	16.97	178	1800086	41.547	ng/ul	100
71) Anthracene	17.06	178	604605	13.560	ng/ul	100
74) Carbazole	17.34	167	121558	2.996	ng/ul	100
76) Fluoranthene	19.01	202	3119608	62.074	ng/ul	99
79) Pyrene	19.37	202	2897158	67.214	ng/ul	99
82) Benzo(a)anthracene	21.13	228	1404357	30.799	ng/ul	98
84) Chrysene	21.19	228	1237960	29.096	ng/ul	97
87) Benzo(b)fluoranthene	22.67	252	1585053	34.534	ng/ul#	94
88) Benzo(k)fluoranthene	22.72	252	484290m	10.603	ng/ul	
90) Benzo(a)pyrene	23.22	252	1178487	26.031	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.46	276	756878	14.733	ng/ul	95
92) Dibenzo(a,h)anthracene	25.46	278	194233	4.450	ng/ul#	87
93) Benzo(g,h,i)perylene	26.11	276	627985	14.667	ng/ul	97

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

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