Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014483.D
Acq On : 05 Mar 2018 21:24
Operator : SJ/JU
Sample : J1678-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5T4

Manual Integrations APPROVED
Sohil
3/6/2018 5:47:10 PM

Quant Time: Mar 06 01:36:36 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	86856	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	345399	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	196777	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	404264	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	396028	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	361893m	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	10068m	4.96	ng/uL	0.00
5) Phenol-d5	6.72	99	224889	30.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	136344	30.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	186741	33.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	185241	28.84	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	90927	35.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	103543	39.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	179813	32.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	125698	23.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	593666	36.53	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	734000	36.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	61421m	27.38	ng/ul	-0.02
57) Fluorene-d10	15.17	176	490158	33.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	57183	23.58	ng/ul	0.00
70) Anthracene-d10	17.04	188	717415	36.78	ng/ul	0.00
76) Pyrene-d10	19.35	212	744381	36.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	606920	34.46	ng/ul	0.01
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.50	107	16873m	2.405	ng/ul	
28) Naphthalene	10.33	128	201405	11.353	ng/ul	98
34) 2-Methylnaphthalene	11.96	142	114850	8.506	ng/ul	95
40) 1,1'-Biphenyl	12.99	154	26325	1.737	ng/ul#	91
44) Dimethylphthalate	13.64	163	130470	8.142	ng/ul#	94
47) Acenaphthylene	13.89	152	127765	6.746	ng/ul#	95
49) Acenaphthene	14.24	153	162227	12.164	ng/ul	96
53) Dibenzofuran	14.58	168	153016	7.652	ng/ul	89
58) Fluorene	15.23	166	245000	14.192	ng/ul	97
60) 4-Nitroaniline	15.30	138	5809	2.007	ng/ul#	45
69) Phenanthrene	16.99	178	4502640	193.312	ng/ul	99
71) Anthracene	17.07	178	737902	31.501	ng/ul	97
72) Carbazole	17.36	167	268091	13.611	ng/ul	98
73) Di-n-butylphthalate	17.91	149	90575	3.564	ng/ul	98
74) Fluoranthene	19.02	202	5260627	189.042	ng/ul#	93
77) Pyrene	19.39	202	5467868	207.754	ng/ul#	95
80) Benzo(a)anthracene	21.15	228	2570101	103.985	ng/ul	98
82) Chrysene	21.20	228	2516720	109.152	ng/ul	98
85) Benzo(b)fluoranthene	22.70	252	2847743	117.521	ng/ul#	98
86) Benzo(k)fluoranthene	22.74	252	683170m	29.653	ng/ul	
88) Benzo(a)pyrene	23.26	252	2014506m	93.034	ng/ul	
89) Indeno(1,2,3-cd)pyrene	25.55	276	1179145m	56.118	ng/ul	
90) Dibenzo(a,h)anthracene	25.54	278	381000m	21.822	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.22	276	996754m	58.558	ng/ul	

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

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