Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Manual Integrations APPROVED
mohammad
6/22/2017 5:33:22 PM

Quant Time: Jun 22 04:20:35 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	77708	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	353853	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	238615	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	564947	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	592195	20.00	ng/ul	0.00
83) Perylene-d12	23.24	264	428849	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	5490	4.05	ng/uL	0.00
5) Phenol-d5	6.65	99	157317	21.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	82631	19.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	115834	22.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	134505	21.92	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	61454	24.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	72668	24.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	144491	23.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	159362	24.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	500262	23.88	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	577170	23.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	78360	21.26	ng/ul	0.00
57) Fluorene-d10	15.12	176	427035	23.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	86832	25.03	ng/ul	0.00
70) Anthracene-d10	16.97	188	688075	25.22	ng/ul	0.00
76) Pyrene-d10	19.28	212	788244	28.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.10	264	490274	23.65	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.67	94	15359	2.014	ng/ul	91
28) Naphthalene	10.27	128	38872	2.207	ng/ul	99
44) Dimethylphthalate	13.59	163	279193	13.598	ng/ul	99
47) Acenaphthylene	13.83	152	113420	4.887	ng/ul	98
69) Phenanthrene	16.91	178	163617	5.448	ng/ul	98
71) Anthracene	17.00	178	308103	9.957	ng/ul	98
72) Carbazole	17.27	167	116240	4.306	ng/ul	97
74) Fluoranthene	18.94	202	2622308	67.747	ng/ul#	96
77) Pyrene	19.32	202	3158039	92.326	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	1857074	53.851	ng/ul	96
82) Chrysene	21.13	228	2194055	71.357	ng/ul	97
85) Benzo(b)fluoranthene	22.62	252	3493489	125.494	ng/ul#	99
86) Benzo(k)fluoranthene	22.64	252	846032m	32.058	ng/ul	
88) Benzo(a)pyrene	23.15	252	1343333	52.416	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.36	276	816757	30.728	ng/ul	98
90) Dibenzo(a,h)anthracene	25.36	278	241581	10.906	ng/ul#	93
91) Benzo(g,h,i)perylene	26.00	276	597841	28.255	ng/ul	99

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

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