Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\

Quantitation Report (LSC Reviewed)

Data File : BM010688.D
Acq On : 23 Jun 2017 12:51
Operator : SJ/JU
Sample : I3625-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A01

Manual Integrations APPROVED
mohammad
6/27/2017 5:02:18 PM

Quant Time: Jun 24 03:56:43 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 03:35:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	75966	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	347450	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	226337	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	547188	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	578640	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	421834	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	6135	4.63	ng/uL	0.00
5) Phenol-d5	6.65	99	151679	20.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	85146	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	118592	23.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	134767	22.46	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	61602	24.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	72839	25.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	154514	25.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	168962	26.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	525904	26.47	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	599553	25.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	69679	19.93	ng/ul	0.00
57) Fluorene-d10	15.12	176	431759	25.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	73604	21.90	ng/ul	0.00
70) Anthracene-d10	16.97	188	701603m	26.55	ng/ul	0.00
76) Pyrene-d10	19.28	212	834121	31.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.10	264	550728	27.01	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.67	94	18008	2.42	ng/ul#	87
28) Naphthalene	10.27	128	50397	2.91	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	55544	4.00	ng/ul	90
44) Dimethylphthalate	13.58	163	164282	8.44	ng/ul	99
47) Acenaphthylene	13.83	152	30552	1.39	ng/ul#	87
49) Acenaphthene	14.17	153	101765	6.85	ng/ul	96
53) Dibenzofuran	14.52	168	84826	3.77	ng/ul	98
58) Fluorene	15.17	166	138048	7.33	ng/ul	97
69) Phenanthrene	16.92	178	2989160	102.75	ng/ul	98
71) Anthracene	17.00	178	435150	14.52	ng/ul	99
72) Carbazole	17.27	167	273862	10.47	ng/ul	99
74) Fluoranthene	18.94	202	4139425	110.41	ng/ul#	96
77) Pyrene	19.32	202	3351465	100.28	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	1597098	47.40	ng/ul	97
82) Chrysene	21.13	228	1580261	52.60	ng/ul	97
85) Benzo(b)fluoranthene	22.60	252	1495622	54.62	ng/ul#	98
86) Benzo(k)fluoranthene	22.63	252	535100m	20.61	ng/ul	
88) Benzo(a)pyrene	23.14	252	929141	36.86	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.34	276	520994	19.93	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.34	278	155827	7.15	ng/ul#	96
91) Benzo(g,h,i)perylene	25.99	276	386929	18.59	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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