Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025665.D
Acq On : 26 Jan 2017 13:55
Operator : SJ/MA
Sample : I1387-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R8

Manual Integrations APPROVED
mohammad
1/27/2017 3:05:26 PM

Quant Time: Jan 27 10:15:14 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 27 03:32:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	79009	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	380372	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	286131	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.58	188	562950	20.00	ng/ul	0.03
75) Chrysene-d12	21.86	240	659658	20.00	ng/ul	0.00
83) Perylene-d12	25.25	264	617471	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	1832m	1.16	ng/uL	0.00
5) Phenol-d5	7.38	99	46416	6.85	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.50	67	163416	37.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	134539	28.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.92	113	94367	16.39	ng/ul	0.02
19) Nitrobenzene-d5	9.36	128	87999m	32.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	165094	51.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	187484	29.54	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.21	166	472991	23.41	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	750972	34.41	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	31200	11.27	ng/ul	0.05
57) Fluorene-d10	15.80	176	602123	31.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.68	188	845130	35.26	ng/ul	0.03
76) Pyrene-d10	19.94	212	982427	35.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	930926	35.87	ng/ul	0.01
Target Compounds						Qvalue
14) Acetophenone	9.02	105	35288	3.93	ng/ul	97
21) Isophorone	9.92	82	502072	30.97	ng/ul	98
28) Naphthalene	11.07	128	5967416	339.81	ng/ul#	65
34) 2-Methylnaphthalene	12.65	142	1556289	108.55	ng/ul	93
38) 2,4,6-Trichlorophenol	13.27	196	6835	1.31	ng/ul	88
39) 2,4,5-Trichlorophenol	13.35	196	672605	122.96	ng/ul	98
40) 1,1'-Biphenyl	13.64	154	277003	15.62	ng/ul	98
47) Acenaphthylene	14.54	152	429652	20.22	ng/ul	98
49) Acenaphthene	14.88	153	388222	25.64	ng/ul	95
53) Dibenzofuran	15.21	168	786898	33.82	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.45	232	824429m	142.44	ng/ul	
58) Fluorene	15.86	166	416095	21.90	ng/ul#	94
68) Pentachlorophenol	17.30	266	15999476	5180.56	ng/ul#	64
69) Phenanthrene	17.63	178	1066531	38.97	ng/ul	97
71) Anthracene	17.71	178	129585m	4.71	ng/ul	
72) Carbazole	17.99	167	411111	18.02	ng/ul#	92
74) Fluoranthene	19.61	202	98402	3.05	ng/ul#	90
77) Pyrene	19.97	202	59746	1.84	ng/ul#	88

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

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