Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025259.D
Acq On : 17 Dec 2016 4:29
Operator : UM/SJ
Sample : H5995-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA888

Manual Integrations APPROVED
umangi
12/20/2016 10:48:57 AM

Quant Time: Dec 17 06:05:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	71864	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	297910	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	210990	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	440075	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	584393	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	641711	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	3119	2.24	ng/uL	0.00
5) Phenol-d5	7.39	99	65682	10.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	48491	12.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	60805	14.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	49954	9.64	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	31571	14.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	32714	12.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	63886	12.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	50482	10.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	196675	13.55	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	234005	14.72	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	17369	6.96	ng/ul	0.02
57) Fluorene-d10	15.84	176	173749	12.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	18213	6.69	ng/ul	0.00
70) Anthracene-d10	17.70	188	278328	14.98	ng/ul	0.00
76) Pyrene-d10	19.97	212	341637	14.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	367288	14.13	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.43	94	13440	2.11	ng/ul#	79
34) 2-Methylnaphthalene	12.70	142	14205	1.30	ng/ul	85
44) Dimethylphthalate	14.30	163	52053	3.65	ng/ul#	94
49) Acenaphthene	14.92	153	14133	1.33	ng/ul	85
69) Phenanthrene	17.65	178	221871	10.56	ng/ul	96
71) Anthracene	17.73	178	53617	2.48	ng/ul#	92
72) Carbazole	18.01	167	31608	1.75	ng/ul#	88
74) Fluoranthene	19.64	202	453714	18.18	ng/ul#	95
77) Pyrene	20.00	202	453648	16.15	ng/ul#	94
80) Benzo(a)anthracene	21.88	228	333652	10.99	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.72	149	83398	5.51	ng/ul#	94
82) Chrysene	21.95	228	335329	11.81	ng/ul	96
85) Benzo(b)fluoranthene	24.23	252	503734	15.83	ng/ul	99
86) Benzo(k)fluoranthene	24.29	252	144440m	4.78	ng/ul	
88) Benzo(a)pyrene	25.16	252	356993	11.67	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	29.28	276	303459m	7.98	ng/ul	
91) Benzo(g,h,i)perylene	30.51	276	288202m	9.08	ng/ul	

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

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