Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028306.D
Acq On : 12 Aug 2017 2:12
Operator : SJ/JU
Sample : I4521-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC8C1

Manual Integrations APPROVED
sohil
8/14/2017 6:59:28 PM

Quant Time: Aug 12 04:13:51 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 12 02:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	46170	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	214439	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	152308	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	328955	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	354751	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	351069	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	3144	3.17	ng/uL	0.00
5) Phenol-d5	7.51	99	105289	20.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	62654	19.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	75018	23.45	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	86594	20.43	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	38928	23.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	45308	24.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	93266	24.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	69305	16.37	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	301513	22.26	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	353063	23.12	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	35899	16.67	ng/ul	0.00
57) Fluorene-d10	15.95	176	257199	21.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	44236	20.70	ng/ul	0.00
70) Anthracene-d10	17.81	188	392652	24.89	ng/ul	0.00
76) Pyrene-d10	20.08	212	445037	24.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	406033	24.71	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.54	94	14393	2.856	ng/ul#	94
28) Naphthalene	11.23	128	84835	7.988	ng/ul#	94
34) 2-Methylnaphthalene	12.81	142	9994	1.172	ng/ul	98
44) Dimethylphthalate	14.40	163	131090	10.510	ng/ul	98
49) Acenaphthene	15.02	153	10208	1.037	ng/ul#	83
69) Phenanthrene	17.76	178	50953	3.078	ng/ul	95
74) Fluoranthene	19.75	202	68938	3.426	ng/ul#	97
77) Pyrene	20.11	202	70803	3.345	ng/ul	100
80) Benzo(a)anthracene	22.02	228	39328	1.919	ng/ul	97
82) Chrysene	22.09	228	46828	2.537	ng/ul	95
85) Benzo(b)fluoranthene	24.43	252	73394	3.494	ng/ul#	95
86) Benzo(k)fluoranthene	24.49	252	25373m	1.236	ng/ul	
88) Benzo(a)pyrene	25.39	252	47431	2.332	ng/ul#	93

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

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