Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028531.D
Acq On : 28 Aug 2017 23:11
Operator : SJ/JU
Sample : I4905-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B26

Manual Integrations APPROVED
Sohil
8/29/2017 6:02:13 PM

Quant Time: Aug 29 05:25:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 03:57:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	52200	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	204048	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	126096	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	300774	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	379373	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	374041	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	4025	3.59	ng/uL	0.00
5) Phenol-d5	7.49	99	103949	18.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	66107	18.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	79605	22.01	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	87376	18.24	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	40790	25.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	46052	26.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	89924	24.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	57019	14.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	279424	24.91	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	324958	25.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	38772	21.74	ng/ul	0.00
57) Fluorene-d10	15.94	176	242733	24.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	30843	15.79	ng/ul	0.00
70) Anthracene-d10	17.80	188	391535	27.15	ng/ul	0.00
76) Pyrene-d10	20.07	212	459075	23.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	467001	26.67	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.52	94	10026	1.760	ng/ul#	83
28) Naphthalene	11.21	128	14783	1.463	ng/ul	97
34) 2-Methylnaphthalene	12.79	142	14701	1.811	ng/ul	96
44) Dimethylphthalate	14.38	163	82060	7.947	ng/ul	98
47) Acenaphthylene	14.68	152	17634	1.459	ng/ul#	82
58) Fluorene	16.00	166	23579	2.240	ng/ul	95
69) Phenanthrene	17.75	178	220662	14.578	ng/ul	98
71) Anthracene	17.84	178	30351	1.962	ng/ul	94
74) Fluoranthene	19.75	202	242995	13.209	ng/ul	98
77) Pyrene	20.11	202	447196	19.758	ng/ul	98
80) Benzo(a)anthracene	22.01	228	194378	8.868	ng/ul#	91
82) Chrysene	22.08	228	257300	13.034	ng/ul#	94
85) Benzo(b)fluoranthene	24.44	252	228741m	10.219	ng/ul	
86) Benzo(k)fluoranthene	24.49	252	66637m	3.048	ng/ul	
88) Benzo(a)pyrene	25.39	252	241196	11.129	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.59	276	134507	5.300	ng/ul#	91
90) Dibenzo(a,h)anthracene	29.63	278	29687m	1.396	ng/ul	
91) Benzo(g,h,i)perylene	30.86	276	118091m	5.656	ng/ul	

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

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