Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042202.D
Acq On : 14 Aug 2019 9:20
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

Manual Integrations APPROVED
mohammad
8/15/2019 5:11:42 PM

Quant Time: Aug 14 10:56:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	79232	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	335403	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	234072	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	475784	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	465221	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	555095	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	8243	4.55	ng/uL	0.00
5) Phenol-d5	7.18	99	203179	32.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	100466	28.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	185666	34.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	174178	33.37	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	91816	36.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	113083	38.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	213824	36.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	225964	34.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	609631	33.58	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	717535	34.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	86327	28.32	ng/ul	0.00
57) Fluorene-d10	15.68	176	537414	33.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	80963	26.52	ng/ul	0.00
70) Anthracene-d10	17.54	188	773571	33.89	ng/ul	0.00
78) Pyrene-d10	19.83	212	868496	33.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	1015381	35.02	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.21	94	9813	1.529	ng/ul#	86
28) Naphthalene	10.90	128	36378	2.122	ng/ul	99
34) 2-Methylnaphthalene	12.51	142	14759	1.083	ng/ul	99
44) Dimethylphthalate	14.13	163	86139	4.779	ng/ul	98
49) Acenaphthene	14.75	153	31008	2.119	ng/ul	97
53) Dibenzofuran	15.09	168	31749	1.454	ng/ul	96
58) Fluorene	15.74	166	35799	2.035	ng/ul	92
69) Phenanthrene	17.48	178	537514	20.636	ng/ul	99
71) Anthracene	17.57	178	114683	4.341	ng/ul	97
74) Carbazole	17.84	167	52265	2.388	ng/ul	99
76) Fluoranthene	19.49	202	843286	28.021	ng/ul	98
79) Pyrene	19.86	202	704915	22.526	ng/ul	98
82) Benzo(a)anthracene	21.70	228	430063	13.333	ng/ul	99
84) Chrysene	21.77	228	395486	13.136	ng/ul	99
87) Benzo(b)fluoranthene	23.95	252	547596	15.720	ng/ul	100
88) Benzo(k)fluoranthene	24.02	252	203653m	6.080	ng/ul	
90) Benzo(a)pyrene	24.84	252	388121	11.692	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	28.73	276	253957m	6.559	ng/ul	
92) Dibenzo(a,h)anthracene	28.76	278	69765m	2.209	ng/ul	
93) Benzo(g,h,i)perylene	29.90	276	188687	5.837	ng/ul	96

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

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