Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042211.D
Acq On : 14 Aug 2019 15:48
Operator : HP/JU
Sample : K4304-15
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5P6

Manual Integrations APPROVED
mohammad
8/15/2019 5:12:11 PM

Quant Time: Aug 15 10:04:44 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	8.03	152	88335	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	364022	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	248486	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	508019	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	495026	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	592839	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	6113	3.03	ng/uL	0.00
5) Phenol-d5	7.18	99	140120	20.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	70143	18.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	128276	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	116688	20.05	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	64226	23.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	76863	24.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	141501	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	161866	22.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	432919	22.46	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	504561	22.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	54929	16.97	ng/ul	0.00
57) Fluorene-d10	15.68	176	378971	22.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	50708	15.56	ng/ul	0.00
70) Anthracene-d10	17.54	188	551574	22.63	ng/ul	0.00
78) Pyrene-d10	19.83	212	652230	23.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	742821	23.99	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.90	128	20726	1.114	ng/ul	95
44) Dimethylphthalate	14.13	163	81947	4.283	ng/ul	97
58) Fluorene	15.73	166	23091	1.236	ng/ul	96
69) Phenanthrene	17.48	178	400872	14.414	ng/ul	99
71) Anthracene	17.57	178	65668	2.328	ng/ul	99
76) Fluoranthene	19.49	202	656279	20.423	ng/ul	97
79) Pyrene	19.85	202	516419	15.509	ng/ul	99
82) Benzo(a)anthracene	21.70	228	312220	9.097	ng/ul	99
84) Chrysene	21.77	228	301478	9.411	ng/ul	98
87) Benzo(b)fluoranthene	23.95	252	427745	11.497	ng/ul	98
88) Benzo(k)fluoranthene	24.01	252	139135m	3.890	ng/ul	
90) Benzo(a)pyrene	24.84	252	252457	7.121	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.71	276	163953	3.965	ng/ul	99
92) Dibenzo(a,h)anthracene	28.77	278	45043	1.335	ng/ul	98
93) Benzo(g,h,i)perylene	29.88	276	127082	3.681	ng/ul#	95

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

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