Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042023.D
Acq On : 7 Aug 2019 9:51
Operator : HP/JU
Sample : K4028-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENY9

Manual Integrations APPROVED
mohammad
8/7/2019 4:40:35 PM

Quant Time: Aug 07 11:28:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 10:54:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	74787	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	323153	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	239958	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	507849	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	490617	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	600231	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	5408	3.16	ng/uL	0.00
5) Phenol-d5	7.17	99	112763	19.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	59622	18.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	105056	20.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	97453	19.78	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	52099	21.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	64568	22.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	125852	22.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	88340	13.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	429727	23.09	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	494577	23.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	50054	16.02	ng/ul	0.00
57) Fluorene-d10	15.68	176	389418	23.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	63952	19.63	ng/ul	0.00
70) Anthracene-d10	17.54	188	605246	24.84	ng/ul	0.00
78) Pyrene-d10	19.82	212	670119	24.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	775357	24.73	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.20	94	7561	1.248	ng/ul	95
44) Dimethylphthalate	14.13	163	152619	8.259	ng/ul	98
49) Acenaphthene	14.75	153	23570	1.571	ng/ul	98
58) Fluorene	15.73	166	29840	1.655	ng/ul	97
69) Phenanthrene	17.48	178	662355	23.824	ng/ul	99
71) Anthracene	17.57	178	125554	4.453	ng/ul	97
74) Carbazole	17.84	167	69095	2.958	ng/ul	98
76) Fluoranthene	19.49	202	1510646	47.026	ng/ul	100
79) Pyrene	19.86	202	1411750	42.778	ng/ul	99
82) Benzo(a)anthracene	21.70	228	880789	25.893	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	202018	11.398	ng/ul	99
84) Chrysene	21.77	228	920184	28.983	ng/ul	97
87) Benzo(b)fluoranthene	23.96	252	1257213	33.377	ng/ul	98
88) Benzo(k)fluoranthene	24.02	252	483000m	13.336	ng/ul	
90) Benzo(a)pyrene	24.84	252	911570	25.396	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.72	276	677102	16.173	ng/ul	98
92) Dibenzo(a,h)anthracene	28.77	278	172189	5.042	ng/ul	94
93) Benzo(g,h,i)perylene	29.89	276	638260	18.260	ng/ul	98

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

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