Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042210.D
Acq On : 14 Aug 2019 15:09
Operator : HP/JU
Sample : K4304-16
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5P7

Manual Integrations APPROVED
mohammad
8/15/2019 5:12:02 PM

Quant Time: Aug 14 17:49:17 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	100002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	412101	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	274961	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	557273	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	547773	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	650838	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	7675	3.36	ng/uL	0.00
5) Phenol-d5	7.18	99	175362	22.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	88499	20.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	161515	24.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	146500	22.23	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	80143	25.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	98925	27.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	182306	25.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	215706	26.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	555768	26.06	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	642903	26.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	73921	20.64	ng/ul	0.00
57) Fluorene-d10	15.68	176	488444	25.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	74106	20.73	ng/ul	0.00
70) Anthracene-d10	17.54	188	696421	26.05	ng/ul	0.00
78) Pyrene-d10	19.82	212	812901	26.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	932720	27.43	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.13	163	96801	4.572	ng/ul	98
49) Acenaphthene	14.75	153	26376	1.534	ng/ul	96
53) Dibenzofuran	15.08	168	25699	1.002	ng/ul	96
58) Fluorene	15.74	166	28835	1.395	ng/ul	96
69) Phenanthrene	17.48	178	455997	14.947	ng/ul	99
71) Anthracene	17.57	178	93512	3.022	ng/ul	95
74) Carbazole	17.84	167	43194	1.685	ng/ul	98
76) Fluoranthene	19.49	202	708623	20.103	ng/ul	98
79) Pyrene	19.85	202	588396	15.969	ng/ul	99
82) Benzo(a)anthracene	21.70	228	352170	9.273	ng/ul	98
84) Chrysene	21.77	228	330305	9.318	ng/ul	99
87) Benzo(b)fluoranthene	23.95	252	435366	10.659	ng/ul	100
88) Benzo(k)fluoranthene	24.02	252	180508m	4.597	ng/ul	
90) Benzo(a)pyrene	24.84	252	307638	7.904	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.73	276	178667	3.936	ng/ul	99
92) Dibenzo(a,h)anthracene	28.77	278	51845m	1.400	ng/ul	
93) Benzo(g,h,i)perylene	29.89	276	156171m	4.120	ng/ul	

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

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