Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043123.D
Acq On : 10 Oct 2019 4:36
Operator : JU
Sample : K5175-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPG5

Manual Integrations APPROVED
mohammad
10/12/2019 7:32:06 AM

Quant Time: Oct 10 05:35:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62798	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	253659	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	177348	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	451163	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	553886	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	665098	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	6502	5.01	ng/uL	0.00
5) Phenol-d5	7.23	99	115674	24.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	71355	27.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	99770	26.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	84461	21.10	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	50526	28.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	58913	28.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	97906	22.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	105517	23.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	384016	26.93	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	419835	27.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	40991m	21.68	ng/ul	0.00
57) Fluorene-d10	15.67	176	326090	26.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	62287m	21.52	ng/ul	0.00
70) Anthracene-d10	17.52	188	562599	26.40	ng/ul	0.00
78) Pyrene-d10	19.81	212	755288	27.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	894705	27.22	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.26	94	13535	2.855	ng/ul	96
44) Dimethylphthalate	14.12	163	127742	9.276	ng/ul	98
69) Phenanthrene	17.46	178	167874	7.209	ng/ul	99
71) Anthracene	17.56	178	53262m	2.210	ng/ul	
74) Carbazole	17.83	167	29977	1.455	ng/ul	99
76) Fluoranthene	19.47	202	259824	8.745	ng/ul	99
79) Pyrene	19.83	202	221766	6.510	ng/ul	98
82) Benzo(a)anthracene	21.67	228	192240	5.187	ng/ul	98
84) Chrysene	21.74	228	145737	4.178	ng/ul	97
87) Benzo(b)fluoranthene	23.89	252	151586	3.830	ng/ul	99
88) Benzo(k)fluoranthene	23.93	252	76007m	1.965	ng/ul	
90) Benzo(a)pyrene	24.76	252	115740	3.055	ng/ul	93
91) Indeno(1,2,3-cd)pyrene	28.55	276	63876m	1.391	ng/ul	
93) Benzo(g,h,i)perylene	29.71	276	45835m	1.177	ng/ul	

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

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