Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043107.D
Acq On : 9 Oct 2019 17:46
Operator : JU
Sample : K5175-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEP84

Manual Integrations APPROVED
mohammad
10/12/2019 7:30:47 AM

Quant Time: Oct 10 00:15:53 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	48359	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	199969	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	152498	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	357962	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	389621	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	457707	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	4462	4.46	ng/uL	0.01
5) Phenol-d5	7.23	99	76087	21.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	54314	27.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	70784	24.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	48486	15.73	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	39870	28.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	44375	27.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	73190	21.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	80645	23.07	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	332873	27.15	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	365386	27.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.90	143	25951m	15.96	ng/ul	0.01
57) Fluorene-d10	15.66	176	291499	28.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	39283	17.11	ng/ul	0.00
70) Anthracene-d10	17.52	188	465762	27.54	ng/ul	0.00
78) Pyrene-d10	19.80	212	606454	31.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.68	264	681491	30.13	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.25	94	5932m	1.625	ng/ul	
44) Dimethylphthalate	14.13	163	129293	10.919	ng/ul	99
69) Phenanthrene	17.46	178	34372	1.860	ng/ul	97
76) Fluoranthene	19.47	202	102247	4.337	ng/ul	99
79) Pyrene	19.83	202	102800	4.290	ng/ul	97
82) Benzo(a)anthracene	21.67	228	64795	2.485	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.58	149	23755	1.836	ng/ul	97
84) Chrysene	21.73	228	71757	2.925	ng/ul	100
87) Benzo(b)fluoranthene	23.88	252	82047	3.012	ng/ul#	97
90) Benzo(a)pyrene	24.75	252	60121	2.306	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	28.56	276	39088	1.237	ng/ul#	92
93) Benzo(g,h,i)perylene	29.69	276	32096m	1.198	ng/ul	

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

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