Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042195.D
Acq On : 14 Aug 2019 4:50
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB5N2

Manual Integrations APPROVED
mohammad
8/15/2019 5:11:23 PM

Quant Time: Aug 14 08:40:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 08:30:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	84106	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	353951	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	246120	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.43	188	502515	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	482869	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	575999	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	7577	3.94	ng/uL	0.00
5) Phenol-d5	7.18	99	191410	29.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	94169	25.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	173046	30.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	163188	29.45	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	86835	32.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	108251	34.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	202003	32.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	207914	30.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	591924	31.01	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	692600	31.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	82285m	25.67	ng/ul	0.00
57) Fluorene-d10	15.68	176	523870	30.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	78475	24.34	ng/ul	0.00
70) Anthracene-d10	17.53	188	756565	31.38	ng/ul	0.00
78) Pyrene-d10	19.83	212	850689	31.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	973433	32.35	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.90	128	30429	1.682	ng/ul	98
44) Dimethylphthalate	14.13	163	72263	3.813	ng/ul	98
49) Acenaphthene	14.75	153	35779	2.325	ng/ul	98
53) Dibenzofuran	15.08	168	37069	1.614	ng/ul	97
58) Fluorene	15.74	166	40495	2.189	ng/ul	91
69) Phenanthrene	17.48	178	621363	22.587	ng/ul	99
71) Anthracene	17.57	178	132152	4.736	ng/ul	98
74) Carbazole	17.84	167	61323	2.653	ng/ul	99
76) Fluoranthene	19.49	202	955530	30.061	ng/ul	98
79) Pyrene	19.86	202	786650	24.219	ng/ul	98
82) Benzo(a)anthracene	21.70	228	494166	14.760	ng/ul	99
84) Chrysene	21.77	228	456414	14.606	ng/ul	99
87) Benzo(b)fluoranthene	23.96	252	631361	17.467	ng/ul	99
88) Benzo(k)fluoranthene	24.01	252	213582	6.145	ng/ul	100
90) Benzo(a)pyrene	24.84	252	434923	12.627	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.72	276	259428	6.457	ng/ul	97
92) Dibenzo(a,h)anthracene	28.75	278	74554m	2.275	ng/ul	
93) Benzo(g,h,i)perylene	29.88	276	201569	6.009	ng/ul	99

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

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