Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042196.D
Acq On : 14 Aug 2019 5:29
Operator : HP/JU
Sample : K4304-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N3

Manual Integrations APPROVED
mohammad
8/15/2019 5:11:26 PM

Quant Time: Aug 14 08:47:04 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	87893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	364551	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	252294	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	522200	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	506620	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	599472	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	6557	3.26	ng/uL	0.00
5) Phenol-d5	7.18	99	171348	24.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	86021	22.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	156278	26.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	133182	23.00	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	79332	28.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	98967	31.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	179418	27.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	204014	28.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	535749	27.38	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	635925	28.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	70737	21.53	ng/ul	0.00
57) Fluorene-d10	15.68	176	478845	27.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	71250	21.27	ng/ul	0.00
70) Anthracene-d10	17.54	188	695388	27.76	ng/ul	0.00
78) Pyrene-d10	19.82	212	784405	27.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	890299	28.43	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.90	128	22927	1.230	ng/ul	97
44) Dimethylphthalate	14.13	163	33276	1.713	ng/ul	96
49) Acenaphthene	14.75	153	33345	2.114	ng/ul	96
53) Dibenzofuran	15.09	168	28569	1.214	ng/ul	95
58) Fluorene	15.73	166	33428	1.763	ng/ul	96
69) Phenanthrene	17.48	178	526922	18.432	ng/ul	100
71) Anthracene	17.57	178	110570	3.813	ng/ul	96
74) Carbazole	17.84	167	43457	1.809	ng/ul	99
76) Fluoranthene	19.49	202	840239	25.438	ng/ul	98
79) Pyrene	19.86	202	695698	20.415	ng/ul	97
82) Benzo(a)anthracene	21.70	228	418657	11.919	ng/ul	99
84) Chrysene	21.77	228	401373	12.243	ng/ul	98
87) Benzo(b)fluoranthene	23.95	252	553236	14.706	ng/ul	97
88) Benzo(k)fluoranthene	24.01	252	182778m	5.053	ng/ul	
90) Benzo(a)pyrene	24.83	252	366330	10.219	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.71	276	221443	5.296	ng/ul	94
92) Dibenzo(a,h)anthracene	28.78	278	64109m	1.880	ng/ul	
93) Benzo(g,h,i)perylene	29.87	276	187982	5.385	ng/ul	96

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

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