Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047401.D
Acq On : 21 Nov 2020 19:08
Operator : CG/JU
Sample : L4711-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B65

Manual Integrations APPROVED
mohammad
11/24/2020 9:00:47 AM

Quant Time: Nov 23 05:13:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	38720	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	152217	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	111318	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	246013	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	202703	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	211869	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	4422	4.15	ng/uL	0.00
5) Phenol-d5	7.41	99	105432	27.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.59	67	55065	24.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	77018	29.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	83716	28.05	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	38771	30.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	45141	32.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	96844	30.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	86921	27.36	ng/ul	0.01
44) Dimethylphthalate-d6	14.28	166	295868	30.96	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	358019	32.42	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	44014	30.19	ng/ul	0.01
58) Fluorene-d10	15.87	176	268180	30.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	45756	32.68	ng/ul	0.00
71) Anthracene-d10	17.72	188	394655	32.34	ng/ul	0.00
79) Pyrene-d10	19.99	212	399610	33.88	ng/ul	0.01
90) Benzo(a)pyrene-d12	25.08	264	385770	31.63	ng/ul	0.02
Target Compounds						Qvalue
45) Dimethylphthalate	14.32	163	133713	13.717	ng/ul	98
70) Phenanthrene	17.66	178	207890	15.648	ng/ul	97
72) Anthracene	17.76	178	29701m	2.220	ng/ul	
75) Carbazole	18.01	167	17390	1.611	ng/ul#	93
77) Fluoranthene	19.65	202	630014	37.550	ng/ul	99
80) Pyrene	20.01	202	498395	34.711	ng/ul#	95
83) Benzo(a)anthracene	21.89	228	283662	19.668	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.77	149	259385	36.900	ng/ul	98
85) Chrysene	21.95	228	314554	22.918	ng/ul	96
88) Benzo(b)fluoranthene	24.23	252	432572	28.917	ng/ul	98
89) Benzo(k)fluoranthene	24.29	252	140018	9.498	ng/ul	100
91) Benzo(a)pyrene	25.15	252	286638	21.495	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	29.22	276	201484	12.421	ng/ul	92
93) Dibenzo(a,h)anthracene	29.29	278	56606m	4.256	ng/ul	
94) Benzo(g,h,i)perylene	30.45	276	200072	14.948	ng/ul	92

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

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