Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047405.D
Acq On : 21 Nov 2020 21:50
Operator : CG/JU
Sample : L4711-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B58

Manual Integrations APPROVED
mohammad
11/24/2020 9:01:00 AM

Quant Time: Nov 23 05:51:38 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	40542	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	163713	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	121828	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	262877m	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	222295m	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	235903	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	2204	1.98	ng/uL	0.00
5) Phenol-d5	7.41	99	66220	16.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	33830	14.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	46790	17.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	50854	16.28	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	22574	16.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	26022	17.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	59908	17.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	46538	13.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	203670	19.47	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	239725	19.83	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	24051	15.07	ng/ul	0.01
58) Fluorene-d10	15.87	176	182213	19.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	21176	14.15	ng/ul	0.00
71) Anthracene-d10	17.72	188	277925	21.31	ng/ul	0.00
79) Pyrene-d10	19.98	212	288699	22.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	282042	20.77	ng/ul	0.02
Target Compounds						Qvalue
45) Dimethylphthalate	14.33	163	90067	8.443	ng/ul	99
70) Phenanthrene	17.66	178	107770m	7.592	ng/ul	
72) Anthracene	17.75	178	16120	1.128	ng/ul	98
75) Carbazole	18.02	167	15208	1.319	ng/ul#	90
77) Fluoranthene	19.66	202	481493	26.857	ng/ul	99
80) Pyrene	20.01	202	373825m	23.740	ng/ul	
83) Benzo(a)anthracene	21.88	228	226939m	14.348	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.77	149	44131m	5.725	ng/ul	
85) Chrysene	21.95	228	259411	17.235	ng/ul	100
88) Benzo(b)fluoranthene	24.22	252	318533	19.124	ng/ul#	98
89) Benzo(k)fluoranthene	24.29	252	123021m	7.495	ng/ul	
91) Benzo(a)pyrene	25.15	252	198426m	13.364	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.22	276	159393	8.825	ng/ul#	97
93) Dibenzo(a,h)anthracene	29.27	278	46373m	3.132	ng/ul	
94) Benzo(g,h,i)perylene	30.45	276	145384	9.755	ng/ul#	97

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

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