Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047426.D
Acq On : 24 Nov 2020 00:25
Operator : CG/JU
Sample : L4749-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B71

Manual Integrations APPROVED
mohammad
11/25/2020 12:47:25 PM

Quant Time: Nov 24 06:22:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	49051	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	187746	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	132579	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	278180m	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	231991	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	258315	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	1938	1.44	ng/uL	0.00
5) Phenol-d5	7.40	99	62447	12.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	33360	11.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	43409	13.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	46465	12.29	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	23306	15.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	26454	15.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	58328	15.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	44750	11.42	ng/ul	-0.01
44) Dimethylphthalate-d6	14.28	166	175911	15.46	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	207905	15.81	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	22191	12.78	ng/ul	0.00
58) Fluorene-d10	15.87	176	158932	15.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	12367m	7.81	ng/ul	0.00
71) Anthracene-d10	17.72	188	231842	16.80	ng/ul	0.00
79) Pyrene-d10	19.99	212	241279	17.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.10	264	248620	16.72	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.44	94	8441	1.791	ng/ul#	73
45) Dimethylphthalate	14.33	163	23758	2.046	ng/ul	99
50) Acenaphthene	14.95	153	15603	1.820	ng/ul#	86
59) Fluorene	15.92	166	25325	2.387	ng/ul	88
70) Phenanthrene	17.66	178	819344m	54.542	ng/ul	
72) Anthracene	17.75	178	133837	8.847	ng/ul	95
75) Carbazole	18.02	167	76648	6.281	ng/ul	96
77) Fluoranthene	19.66	202	2252468	118.726	ng/ul	99
80) Pyrene	20.02	202	1816423	110.534	ng/ul	99
83) Benzo(a)anthracene	21.89	228	1049621	63.588	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.78	149	21152	2.629	ng/ul#	92
85) Chrysene	21.96	228	1190413	75.783	ng/ul	95
88) Benzo(b)fluoranthene	24.25	252	1605404	88.023	ng/ul	95
89) Benzo(k)fluoranthene	24.31	252	528430m	29.401	ng/ul	
91) Benzo(a)pyrene	25.17	252	998047m	61.386	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.26	276	718476	36.329	ng/ul	95
93) Dibenzo(a,h)anthracene	29.30	278	182237m	11.239	ng/ul	
94) Benzo(g,h,i)perylene	30.48	276	587356	35.993	ng/ul#	96

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

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