Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047427.D
Acq On : 24 Nov 2020 1:05
Operator : CG/JU
Sample : L4749-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B17

Manual Integrations APPROVED
mohammad
11/25/2020 12:47:28 PM

Quant Time: Nov 24 06:34:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 05:59:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	44957	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	172187	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	123228	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	265122m	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	219589m	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	248861m	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	1586m	1.28	ng/uL	0.00
5) Phenol-d5	7.41	99	51211	11.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	28019	10.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	39897	13.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	38648	11.15	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	20856	14.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	21926	14.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	47784	13.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	29008	8.07	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	145482	13.75	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	176423	14.43	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	16644	10.31	ng/ul	0.00
58) Fluorene-d10	15.87	176	132999	13.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	8225	5.45	ng/ul	0.00
71) Anthracene-d10	17.72	188	192467	14.63	ng/ul	0.00
79) Pyrene-d10	19.99	212	198078m	15.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	199522	13.93	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.44	94	8833	2.045	ng/ul#	82
45) Dimethylphthalate	14.32	163	20112	1.864	ng/ul	99
50) Acenaphthene	14.94	153	11301	1.418	ng/ul	89
59) Fluorene	15.93	166	13837	1.403	ng/ul#	81
70) Phenanthrene	17.67	178	449723	31.412	ng/ul	95
72) Anthracene	17.75	178	75150	5.212	ng/ul	98
75) Carbazole	18.01	167	54575	4.692	ng/ul	96
77) Fluoranthene	19.66	202	1408646	77.906	ng/ul	99
80) Pyrene	20.02	202	1131700	72.756	ng/ul	100
83) Benzo(a)anthracene	21.89	228	752760m	48.179	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.77	149	72485	9.519	ng/ul	99
85) Chrysene	21.96	228	834631	56.135	ng/ul	96
88) Benzo(b)fluoranthene	24.25	252	1242905	70.737	ng/ul	95
89) Benzo(k)fluoranthene	24.30	252	386000	22.292	ng/ul	100
91) Benzo(a)pyrene	25.16	252	727273m	46.431	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.25	276	537058	28.187	ng/ul#	93
93) Dibenzo(a,h)anthracene	29.29	278	141923	9.085	ng/ul#	88
94) Benzo(g,h,i)perylene	30.47	276	434583	27.643	ng/ul	99

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

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