Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047442.D
Acq On : 24 Nov 2020 11:56
Operator : CG/JU
Sample : L4751-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B84

Manual Integrations APPROVED
mohammad
11/25/2020 12:48:08 PM

Quant Time: Nov 24 12:38:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	36904	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	142070	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	100156	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	226231	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	203038	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	215000	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	1252	1.23	ng/uL	0.00
5) Phenol-d5	7.40	99	44883	12.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	24547	11.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	31887	12.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	32864	11.56	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	15828	13.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	19894	15.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	39389	13.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	35611	12.01	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	123984	14.42	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	147076	14.80	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	14243	10.86	ng/ul	0.00
58) Fluorene-d10	15.86	176	114921	14.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	8155	6.33	ng/ul	0.00
71) Anthracene-d10	17.72	188	178167	15.88	ng/ul	0.00
79) Pyrene-d10	19.98	212	195635	16.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	195578	15.80	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.43	94	6558	1.850	ng/ul#	83
45) Dimethylphthalate	14.32	163	23490	2.678	ng/ul#	96
70) Phenanthrene	17.66	178	132784	10.869	ng/ul	98
72) Anthracene	17.75	178	39646m	3.222	ng/ul	
75) Carbazole	18.01	167	10899	1.098	ng/ul#	94
77) Fluoranthene	19.65	202	547312	35.473	ng/ul#	98
80) Pyrene	20.01	202	386884	26.900	ng/ul	99
83) Benzo(a)anthracene	21.88	228	269495	18.655	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	14709	2.089	ng/ul	94
85) Chrysene	21.95	228	266284	19.369	ng/ul	97
88) Benzo(b)fluoranthene	24.22	252	417921m	27.531	ng/ul	
89) Benzo(k)fluoranthene	24.28	252	111757	7.471	ng/ul	100
91) Benzo(a)pyrene	25.15	252	220401m	16.287	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.21	276	158764	9.645	ng/ul#	92
93) Dibenzo(a,h)anthracene	29.27	278	42749m	3.168	ng/ul	
94) Benzo(g,h,i)perylene	30.45	276	111256m	8.191	ng/ul	

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

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