Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047439.D
Acq On : 24 Nov 2020 9:55
Operator : CG/JU
Sample : L4751-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B79

Manual Integrations APPROVED
mohammad
11/25/2020 12:47:58 PM

Quant Time: Nov 24 11:42:08 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	8.27	152	33660	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	131174	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	95598	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	208639	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	191432	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	198045	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	1460	1.58	ng/uL	0.00
5) Phenol-d5	7.40	99	42765	12.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	24419	12.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	30778	13.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	30707	11.84	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	15808	14.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	18645	15.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	38438	14.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	33669	12.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	114709	13.98	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	136827	14.43	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	13630	10.89	ng/ul	0.00
58) Fluorene-d10	15.87	176	104117	13.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	7883	6.64	ng/ul	0.00
71) Anthracene-d10	17.71	188	157464m	15.21	ng/ul	0.00
79) Pyrene-d10	19.98	212	175507	15.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	177022	15.53	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.43	94	7341	2.270	ng/ul#	81
45) Dimethylphthalate	14.32	163	25236	3.015	ng/ul	97
70) Phenanthrene	17.66	178	137812	12.232	ng/ul	98
72) Anthracene	17.76	178	31865	2.808	ng/ul	97
77) Fluoranthene	19.65	202	242867	17.068	ng/ul#	98
80) Pyrene	20.01	202	196270	14.474	ng/ul	98
83) Benzo(a)anthracene	21.88	228	104466	7.670	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.76	149	6717	1.012	ng/ul#	97
85) Chrysene	21.95	228	97487	7.521	ng/ul	97
88) Benzo(b)fluoranthene	24.21	252	121628	8.698	ng/ul#	98
89) Benzo(k)fluoranthene	24.29	252	49395m	3.585	ng/ul	
91) Benzo(a)pyrene	25.14	252	83307	6.683	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	29.20	276	55033m	3.630	ng/ul	
93) Dibenzo(a,h)anthracene	29.28	278	15446m	1.242	ng/ul	
94) Benzo(g,h,i)perylene	30.43	276	44353m	3.545	ng/ul	

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

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