Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047396.D
Acq On : 21 Nov 2020 13:53
Operator : CG/JU
Sample : L4854-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD1DL

Manual Integrations APPROVED
mohammad
11/24/2020 9:00:29 AM

Quant Time: Nov 23 07:02:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 14:25:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	48722	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	177479	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.90	164	117103	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.63	188	231751	20.00	ng/ul	0.01
78) Chrysene-d12	21.92	240	222760	20.00	ng/ul	0.02
86) Perylene-d12	25.35	264	245001	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	253	0.19	ng/uL	0.00
5) Phenol-d5	7.42	99	12906	2.64	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.59	67	8301	2.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	9498	2.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	9251	2.46	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	4551	3.10	ng/ul	0.01
22) 2-Nitrophenol-d4	10.17	143	5577	3.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	10753	2.94	ng/ul	0.01
29) 4-Chloroaniline-d4	11.22	131	23390	6.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	30547	3.04	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	36601	3.15	ng/ul	0.01
52) 4-Nitrophenol-d4	15.05	143	8050m	5.25	ng/ul	0.02
58) Fluorene-d10	15.88	176	26084	2.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.73	188	42295m	3.68	ng/ul	0.01
79) Pyrene-d10	19.99	212	40524	3.13	ng/ul	0.01
90) Benzo(a)pyrene-d12	25.10	264	43387	3.08	ng/ul	0.04
Target Compounds						Qvalue
28) Naphthalene	11.15	128	27699	2.756	ng/ul#	89
34) 2-Methylnaphthalene	12.74	142	80759	10.841	ng/ul	91
41) 1,1'-Biphenyl	13.73	154	17342	1.909	ng/ul#	88
45) Dimethylphthalate	14.33	163	10981	1.071	ng/ul#	75
50) Acenaphthene	14.96	153	20312	2.682	ng/ul	87
54) Dibenzofuran	15.29	168	18602	1.672	ng/ul#	35
59) Fluorene	15.93	166	24247	2.587	ng/ul#	83
70) Phenanthrene	17.67	178	260845	20.843	ng/ul	97
72) Anthracene	17.76	178	25263m	2.004	ng/ul	
77) Fluoranthene	19.66	202	43911	2.778	ng/ul#	98
80) Pyrene	20.02	202	254295	16.116	ng/ul#	96
83) Benzo(a)anthracene	21.89	228	28831	1.819	ng/ul#	22
85) Chrysene	21.96	228	39869	2.643	ng/ul#	60

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

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