Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047806.D
Acq On : 23 Dec 2020 19:55
Operator : CG/JU
Sample : L5112-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A54N4

Manual Integrations APPROVED
mohammad
12/24/2020 10:44:19 AM

Quant Time: Dec 24 06:51:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 23:29:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	27070	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	103145	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	79738	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	194200	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	186324	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	188541	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	2531	4.98	ng/uL	0.00
5) Phenol-d5	7.33	99	52419	22.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	28828	24.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	38501	21.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	41441	22.54	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	19291	22.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	25805	25.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	46897	21.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	48668	24.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	158964	22.95	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	188434	23.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	18409m	17.92	ng/ul	0.00
58) Fluorene-d10	15.80	176	143878	22.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	27397	20.84	ng/ul	0.00
71) Anthracene-d10	17.65	188	233856	24.14	ng/ul	0.00
79) Pyrene-d10	19.92	212	271626	24.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	274296	24.91	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.37	94	5388m	2.462	ng/ul	
45) Dimethylphthalate	14.26	163	12393	1.766	ng/ul#	99
70) Phenanthrene	17.60	178	17762m	1.688	ng/ul	
77) Fluoranthene	19.59	202	297451	22.210	ng/ul	99
80) Pyrene	19.95	202	303422	22.391	ng/ul#	98
83) Benzo(a)anthracene	21.81	228	211411	15.882	ng/ul	96
85) Chrysene	21.87	228	164491	13.093	ng/ul	93
88) Benzo(b)fluoranthene	24.11	252	265632	20.183	ng/ul#	96
89) Benzo(k)fluoranthene	24.17	252	105590m	8.095	ng/ul	
91) Benzo(a)pyrene	25.01	252	192581	16.226	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.99	276	123340	8.522	ng/ul#	97
93) Dibenzo(a,h)anthracene	29.04	278	36533m	3.011	ng/ul	
94) Benzo(g,h,i)perylene	30.20	276	90420m	7.609	ng/ul	

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

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