Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 21 13:16:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 11:53:19 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C0AD2

Manual Integrations APPROVED
mohammad
11/24/2020 9:00:23 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	38581	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	143136	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.90	164	91167	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.64	188	190161	20.00	ng/ul	0.02
78) Chrysene-d12	21.95	240	213152	20.00	ng/ul	0.05
86) Perylene-d12	25.43	264	229355m	20.00	ng/ul	0.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	2289	2.16	ng/uL	0.00
5) Phenol-d5	7.41	99	77760	20.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	42886	19.43	ng/ul	0.01
9) 2-Chlorophenol-d4	7.80	132	56731	21.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	61615	20.72	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	27874m	23.58	ng/ul	0.01
22) 2-Nitrophenol-d4	10.17	143	31817	24.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	64393	21.80	ng/ul	0.01
29) 4-Chloroaniline-d4	11.22	131	100810	33.75	ng/ul	0.00
44) Dimethylphthalate-d6	14.29	166	172919	22.09	ng/ul	0.01
47) Acenaphthylene-d8	14.60	160	212052	23.44	ng/ul	0.02
52) 4-Nitrophenol-d4	15.05	143	26505	22.20	ng/ul	0.02
58) Fluorene-d10	15.89	176	154299	21.52	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	16.01	200	24871m	22.98	ng/ul	0.05
71) Anthracene-d10	17.74	188	231073	24.49	ng/ul	0.02
79) Pyrene-d10	20.01	212	259249	20.90	ng/ul	0.03
90) Benzo(a)pyrene-d12	25.19	264	302448m	22.91	ng/ul	0.13
Target Compounds						Qvalue
6) Phenol	7.43	94	16005	4.318	ng/ul	98
28) Naphthalene	11.16	128	98786	12.185	ng/ul#	93
34) 2-Methylnaphthalene	12.75	142	291474	48.517	ng/ul	94
41) 1,1'-Biphenyl	13.73	154	66467	9.399	ng/ul#	94
45) Dimethylphthalate	14.33	163	51173	6.410	ng/ul#	69
50) Acenaphthene	14.96	153	77131	13.080	ng/ul#	81
54) Dibenzofuran	15.29	168	79832m	9.217	ng/ul	
59) Fluorene	15.94	166	99509	13.638	ng/ul#	90
70) Phenanthrene	17.69	178	1003702	97.740	ng/ul	96
72) Anthracene	17.77	178	95640	9.248	ng/ul#	83
73) 1,2,3,4-Tetrachlorobenzene	13.71	216	3859	1.291	ng/uL#	76
77) Fluoranthene	19.67	202	202000	15.576	ng/ul#	95
80) Pyrene	20.04	202	1179580	78.125	ng/ul	98
83) Benzo(a)anthracene	21.92	228	156643	10.328	ng/ul#	24
85) Chrysene	21.99	228	235563m	16.322	ng/ul	
88) Benzo(b)fluoranthene	24.32	252	96842m	5.980	ng/ul	
91) Benzo(a)pyrene	25.27	252	95736m	6.632	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.41	276	37990m	2.163	ng/ul	
93) Dibenzo(a,h)anthracene	29.46	278	29568m	2.054	ng/ul	
94) Benzo(g,h,i)perylene	30.65	276	70432m	4.861	ng/ul	

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

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