Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047451.D
Acq On : 24 Nov 2020 18:08
Operator : CG/JU
Sample : L4751-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B85

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

Quant Time: Nov 25 01:35:29 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	40160	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	156955	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	110625	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	256484	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	231817	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	246714	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	927	0.84	ng/uL	0.00
5) Phenol-d5	7.40	99	37872	9.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	21435	9.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	28490	10.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	27520	8.89	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	14843	11.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	16139	11.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	36166	11.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	31540	9.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	111237	11.71	ng/ul	-0.01
47) Acenaphthylene-d8	14.58	160	132620	12.08	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	11184	7.72	ng/ul	-0.01
58) Fluorene-d10	15.87	176	101427	11.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	6695	4.59	ng/ul	-0.01
71) Anthracene-d10	17.71	188	157846	12.41	ng/ul	0.00
79) Pyrene-d10	19.98	212	174665	12.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	175638	12.37	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.43	94	5666	1.468	ng/ul#	80
45) Dimethylphthalate	14.32	163	17697	1.827	ng/ul	98
70) Phenanthrene	17.66	178	69013	4.983	ng/ul	98
77) Fluoranthene	19.65	202	316777	18.110	ng/ul	99
80) Pyrene	20.01	202	252545	15.380	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	171568	10.402	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	28073	3.492	ng/ul	92
85) Chrysene	21.95	228	194205	12.373	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	284226	16.317	ng/ul#	95
89) Benzo(k)fluoranthene	24.28	252	105635m	6.154	ng/ul	
91) Benzo(a)pyrene	25.14	252	167483m	10.786	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.21	276	114366m	6.055	ng/ul	
93) Dibenzo(a,h)anthracene	29.27	278	33597m	2.169	ng/ul	
94) Benzo(g,h,i)perylene	30.43	276	93345m	5.989	ng/ul	

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

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