Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC4

Manual Integrations APPROVED
mohammad
11/17/2020 4:09:59 PM

Quant Time: Nov 17 07:34:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	56886	20.00	ng/ul	0.02
18) Naphthalene-d8	10.83	136	206876	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.67	164	139547	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.42	188	274180	20.00	ng/ul	0.03
78) Chrysene-d12	21.70	240	341374	20.00	ng/ul	0.05
86) Perylene-d12	25.01	264	319149m	20.00	ng/ul	0.16
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	5779	4.10	ng/uL	0.02
5) Phenol-d5	7.19	99	154859	31.37	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.34	67	88316	31.10	ng/ul	0.02
9) 2-Chlorophenol-d4	7.55	132	126093	32.84	ng/ul	0.02
13) 4-Methylphenol-d8	8.73	113	124610	31.63	ng/ul	0.02
19) Nitrobenzene-d5	9.18	128	60506	34.89	ng/ul	0.02
22) 2-Nitrophenol-d4	9.91	143	63513	31.35	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.46	165	133519	33.78	ng/ul	0.02
29) 4-Chloroaniline-d4	10.95	131	102017	30.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.06	166	340508	29.68	ng/ul	0.02
47) Acenaphthylene-d8	14.36	160	433273	31.92	ng/ul	0.02
52) 4-Nitrophenol-d4	14.89	143	71570	39.62	ng/ul	0.05
58) Fluorene-d10	15.66	176	312489	29.33	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	15.76	200	8962	4.74	ng/ul	0.00
71) Anthracene-d10	17.52	188	466271	35.09	ng/ul	0.03
79) Pyrene-d10	19.81	212	548903	28.19	ng/ul	0.03
90) Benzo(a)pyrene-d12	24.78	264	603889m	34.42	ng/ul	0.15
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	10.03	107	9814m	2.324	ng/ul	
28) Naphthalene	10.89	128	46142	3.970	ng/ul#	67
34) 2-Methylnaphthalene	12.49	142	132761	16.011	ng/ul	99
41) 1,1'-Biphenyl	13.50	154	25577	2.323	ng/ul#	85
45) Dimethylphthalate	14.11	163	93033	8.079	ng/ul#	85
48) Acenaphthylene	14.39	152	26861	2.115	ng/ul#	1
50) Acenaphthene	14.73	153	69021m	7.512	ng/ul	
54) Dibenzofuran	15.07	168	73879	5.525	ng/ul#	1
59) Fluorene	15.72	166	30886	2.814	ng/ul#	56
70) Phenanthrene	17.47	178	1052073	68.415	ng/ul#	95
72) Anthracene	17.56	178	102929	6.660	ng/ul#	66
77) Fluoranthene	19.47	202	192357	10.393	ng/ul#	96
80) Pyrene	19.84	202	897506	38.419	ng/ul	98
83) Benzo(a)anthracene	21.69	228	143893	6.222	ng/ul#	24
85) Chrysene	21.75	228	180256	8.102	ng/ul#	60
88) Benzo(b)fluoranthene	23.96	252	132040m	6.228	ng/ul	
91) Benzo(a)pyrene	24.85	252	63697m	3.337	ng/ul	
94) Benzo(g,h,i)perylene	29.90	276	44956m	2.267	ng/ul	

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

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