Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047332.D
Acq On : 16 Nov 2020 16:16
Operator : CG/JU
Sample : L4762-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC3

Manual Integrations APPROVED
mohammad
11/17/2020 4:09:56 PM

Quant Time: Nov 16 16:59:16 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	59265	20.00	ng/ul	0.01
18) Naphthalene-d8	10.83	136	218163	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.67	164	164752	20.00	ng/ul	0.03
62) Phenanthrene-d10	17.42	188	302494	20.00	ng/ul	0.03
78) Chrysene-d12	21.71	240	373488	20.00	ng/ul	0.06
86) Perylene-d12	25.02	264	350141m	20.00	ng/ul	0.17
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	6430	4.38	ng/uL	0.01
5) Phenol-d5	7.18	99	137742	26.78	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.34	67	78205	26.43	ng/ul	0.01
9) 2-Chlorophenol-d4	7.55	132	112198	28.05	ng/ul	0.01
13) 4-Methylphenol-d8	8.73	113	108867	26.53	ng/ul	0.02
19) Nitrobenzene-d5	9.18	128	54646	29.88	ng/ul	0.01
22) 2-Nitrophenol-d4	9.91	143	54856	25.68	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.46	165	115499	27.71	ng/ul	0.02
29) 4-Chloroaniline-d4	10.95	131	381187	107.25	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	333063	24.59	ng/ul	0.03
47) Acenaphthylene-d8	14.37	160	384559	23.99	ng/ul	0.03
52) 4-Nitrophenol-d4	14.89	143	89620	42.03	ng/ul	0.04
58) Fluorene-d10	15.67	176	277243	22.04	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	15.77	200	9313	4.46	ng/ul	0.01
71) Anthracene-d10	17.52	188	421093	28.72	ng/ul	0.04
79) Pyrene-d10	19.82	212	510999	23.99	ng/ul	0.04
90) Benzo(a)pyrene-d12	24.79	264	553432m	28.75	ng/ul	0.16
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	10.04	107	19611m	4.404	ng/ul	
28) Naphthalene	10.89	128	397787	32.456	ng/ul#	90
34) 2-Methylnaphthalene	12.50	142	1906714	218.056	ng/ul	98
41) 1,1'-Biphenyl	13.50	154	229885	17.686	ng/ul	94
45) Dimethylphthalate	14.11	163	110754	8.147	ng/ul#	61
48) Acenaphthylene	14.40	152	108597	7.243	ng/ul#	1
50) Acenaphthene	14.73	153	302042	27.844	ng/ul#	90
54) Dibenzofuran	15.07	168	272088	17.236	ng/ul#	21
59) Fluorene	15.73	166	395031	30.487	ng/ul#	90
70) Phenanthrene	17.48	178	2991086	176.299	ng/ul#	83
72) Anthracene	17.56	178	359217	21.069	ng/ul#	84
75) Carbazole	17.83	167	55792	4.260	ng/ul#	1
77) Fluoranthene	19.48	202	430682	21.091	ng/ul#	94
80) Pyrene	19.85	202	2136048	83.574	ng/ul#	97
83) Benzo(a)anthracene	21.70	228	318524	12.589	ng/ul#	31
85) Chrysene	21.76	228	695519	28.572	ng/ul#	66
88) Benzo(b)fluoranthene	23.96	252	151015m	6.493	ng/ul	
89) Benzo(k)fluoranthene	24.01	252	43314m	1.922	ng/ul	
91) Benzo(a)pyrene	24.86	252	172398m	8.231	ng/ul	
94) Benzo(g,h,i)perylene	29.92	276	80059m	3.680	ng/ul	

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

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