Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047425.D
Acq On : 23 Nov 2020 20:34
Operator : CG/JU
Sample : L4749-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B73

Manual Integrations APPROVED
mohammad
11/25/2020 12:47:22 PM

Quant Time: Nov 24 02:03:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	36238	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	140556	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	105109	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	225185m	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	188482	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	208136	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	1626	1.63	ng/uL	0.00
5) Phenol-d5	7.41	99	56596	15.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	34291	16.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	45140	18.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	40219	14.40	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	22988	19.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	27307	21.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	55943	19.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	42037	14.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	179838	19.93	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	211333	20.27	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	17304	12.57	ng/ul	0.00
58) Fluorene-d10	15.87	176	160739	19.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	12958	10.11	ng/ul	0.00
71) Anthracene-d10	17.72	188	237883	21.29	ng/ul	0.00
79) Pyrene-d10	19.99	212	256269	23.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	252782	21.10	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.43	94	6821	1.959	ng/ul#	77
45) Dimethylphthalate	14.33	163	27925	3.034	ng/ul	98
50) Acenaphthene	14.95	153	10221	1.503	ng/ul	96
59) Fluorene	15.93	166	15355	1.825	ng/ul	91
70) Phenanthrene	17.66	178	482474m	39.676	ng/ul	
72) Anthracene	17.75	178	85127	6.951	ng/ul	98
75) Carbazole	18.02	167	26139	2.646	ng/ul	97
77) Fluoranthene	19.66	202	1246482	81.164	ng/ul	99
80) Pyrene	20.01	202	983803	73.687	ng/ul	100
83) Benzo(a)anthracene	21.89	228	564535	42.095	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.78	149	7496	1.147	ng/ul#	94
85) Chrysene	21.95	228	600337	47.041	ng/ul	98
88) Benzo(b)fluoranthene	24.23	252	789370	53.715	ng/ul#	96
89) Benzo(k)fluoranthene	24.30	252	255346m	17.632	ng/ul	
91) Benzo(a)pyrene	25.16	252	491798m	37.541	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.23	276	328464	20.612	ng/ul	97
93) Dibenzo(a,h)anthracene	29.28	278	87678m	6.711	ng/ul	
94) Benzo(g,h,i)perylene	30.47	276	260147m	19.785	ng/ul	

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

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