Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047562.D
Acq On : 4 Dec 2020 7:33
Operator : CG/JU
Sample : L4855-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z4

Manual Integrations APPROVED
mohammad
12/4/2020 4:31:30 PM

Quant Time: Dec 04 08:28:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	32922	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	124420	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	99112	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	226296	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	195865	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	212969	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	4710m	5.20	ng/uL	0.00
5) Phenol-d5	7.39	99	100890	30.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	51769	27.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	80099	36.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	83805	33.03	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	39167	38.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	48731	43.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	98316	38.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	80972	31.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	304632	35.80	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	371775	37.81	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	49411	38.06	ng/ul	0.01
58) Fluorene-d10	15.85	176	286520	36.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	42684	33.14	ng/ul	0.00
71) Anthracene-d10	17.70	188	416730	37.12	ng/ul	0.00
79) Pyrene-d10	19.97	212	443855	38.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	458594	37.41	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.41	94	4683	1.480	ng/ul#	72
45) Dimethylphthalate	14.30	163	12871	1.483	ng/ul#	99
70) Phenanthrene	17.65	178	70722	5.787	ng/ul	97
77) Fluoranthene	19.63	202	134152	8.692	ng/ul#	96
80) Pyrene	20.00	202	111938	8.068	ng/ul#	96
83) Benzo(a)anthracene	21.86	228	66741	4.789	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.75	149	62877	9.257	ng/ul	97
85) Chrysene	21.93	228	60051m	4.528	ng/ul	
88) Benzo(b)fluoranthene	24.19	252	90378	6.010	ng/ul	96
89) Benzo(k)fluoranthene	24.25	252	34301m	2.315	ng/ul	
91) Benzo(a)pyrene	25.10	252	57262	4.272	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.16	276	44155m	2.708	ng/ul	
94) Benzo(g,h,i)perylene	30.39	276	42024m	3.124	ng/ul	

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

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