Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047561.D
Acq On : 4 Dec 2020 6:53
Operator : CG/JU
Sample : L4855-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z5

Manual Integrations APPROVED
mohammad
12/4/2020 4:31:27 PM

Quant Time: Dec 04 07:44:29 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	8.26	152	34609	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	127634	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	99641	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	229860	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	194096	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	218935	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	3596	3.78	ng/uL	0.00
5) Phenol-d5	7.39	99	93393	26.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	46776	23.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	71847	30.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	74571	27.96	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	32806	31.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	40803	35.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	83270	31.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	82082	30.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	257090	30.05	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	311719	31.53	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	40395	30.95	ng/ul	0.00
58) Fluorene-d10	15.85	176	238733	30.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	40274m	30.78	ng/ul	0.00
71) Anthracene-d10	17.70	188	357539	31.36	ng/ul	0.00
79) Pyrene-d10	19.97	212	372341	32.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	381834	30.30	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.42	94	3443	1.035	ng/ul	95
28) Naphthalene	11.13	128	10296	1.424	ng/ul#	90
45) Dimethylphthalate	14.30	163	9821	1.126	ng/ul	99
70) Phenanthrene	17.64	178	51450	4.145	ng/ul	98
77) Fluoranthene	19.63	202	100663	6.421	ng/ul#	97
80) Pyrene	20.00	202	87071	6.333	ng/ul#	97
83) Benzo(a)anthracene	21.86	228	55230	3.999	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.75	149	13988	2.078	ng/ul#	86
85) Chrysene	21.93	228	53523m	4.073	ng/ul	
88) Benzo(b)fluoranthene	24.19	252	79291	5.129	ng/ul#	99
89) Benzo(k)fluoranthene	24.25	252	22353	1.467	ng/ul#	90
91) Benzo(a)pyrene	25.11	252	47695	3.461	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	29.16	276	36033m	2.150	ng/ul	
94) Benzo(g,h,i)perylene	30.37	276	40554m	2.932	ng/ul	

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

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