Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047544.D
Acq On : 3 Dec 2020 18:45
Operator : CG/JU
Sample : L4866-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B74

Manual Integrations APPROVED
mohammad
12/4/2020 4:30:35 PM

Quant Time: Dec 04 01:32:26 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	37602	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	135748	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	102655	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	252931m	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	266763m	20.00	ng/ul	0.00
86) Perylene-d12	25.26	264	274377	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	2513	2.43	ng/uL	0.00
5) Phenol-d5	7.38	99	56137	14.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	30555	14.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	42415	16.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	39302	13.56	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	20563	18.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	27090	22.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	50743	18.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	47732	16.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	164474	18.66	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	196784	19.32	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	20955	15.59	ng/ul	0.00
58) Fluorene-d10	15.85	176	150062	18.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	28338	19.68	ng/ul	0.00
71) Anthracene-d10	17.69	188	246168	19.62	ng/ul	0.00
79) Pyrene-d10	19.96	212	312498	20.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	322812	20.44	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.41	94	18987	5.255	ng/ul	90
45) Dimethylphthalate	14.30	163	55673	6.193	ng/ul	97
70) Phenanthrene	17.64	178	89826	6.576	ng/ul	98
77) Fluoranthene	19.63	202	273551m	15.858	ng/ul	
80) Pyrene	19.99	202	215928	11.427	ng/ul	99
83) Benzo(a)anthracene	21.85	228	117576m	6.195	ng/ul	
85) Chrysene	21.92	228	131362	7.273	ng/ul	95
88) Benzo(b)fluoranthene	24.18	252	200311	10.340	ng/ul	95
89) Benzo(k)fluoranthene	24.24	252	51991m	2.723	ng/ul	
91) Benzo(a)pyrene	25.10	252	115085	6.664	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.12	276	87190	4.151	ng/ul#	89
93) Dibenzo(a,h)anthracene	29.20	278	21932m	1.273	ng/ul	
94) Benzo(g,h,i)perylene	30.36	276	79419m	4.582	ng/ul	

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

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