Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047819.D
Acq On : 24 Dec 2020 5:22
Operator : CG/JU
Sample : L5149-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB8A1

Manual Integrations APPROVED
mohammad
12/24/2020 10:44:39 AM

Quant Time: Dec 24 06:02:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 05:11:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	34477	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	127083	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	93404	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	217099	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	210226	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	211057	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	4983	7.70	ng/uL	0.00
5) Phenol-d5	7.34	99	104692	35.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	58221	38.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	79568	35.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	79989	34.15	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	37088	35.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	47856	38.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	92290	34.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	100762	40.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	277323	34.18	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	343548	37.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	39043	32.45	ng/ul	0.00
58) Fluorene-d10	15.81	176	253332	33.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	47466	32.30	ng/ul	0.00
71) Anthracene-d10	17.66	188	386662	35.71	ng/ul	0.00
79) Pyrene-d10	19.92	212	437765	35.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	449362	36.45	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.07	128	10612	1.497	ng/ul#	86
34) 2-Methylnaphthalene	12.66	142	5697	1.043	ng/ul	96
50) Acenaphthene	14.88	153	13569	2.233	ng/ul	97
54) Dibenzofuran	15.21	168	13336	1.504	ng/ul#	79
59) Fluorene	15.86	166	18495	2.440	ng/ul#	86
70) Phenanthrene	17.60	178	259014	22.012	ng/ul	99
72) Anthracene	17.69	178	59787	5.097	ng/ul	96
75) Carbazole	17.95	167	18704	2.000	ng/ul	98
77) Fluoranthene	19.60	202	413451	27.615	ng/ul	100
80) Pyrene	19.95	202	347782	22.746	ng/ul	99
83) Benzo(a)anthracene	21.81	228	218807	14.568	ng/ul	98
85) Chrysene	21.87	228	183555	12.949	ng/ul	96
88) Benzo(b)fluoranthene	24.11	252	267346	18.146	ng/ul	98
89) Benzo(k)fluoranthene	24.17	252	75097m	5.143	ng/ul	
91) Benzo(a)pyrene	25.02	252	168085	12.651	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.01	276	104353	6.441	ng/ul#	95
93) Dibenzo(a,h)anthracene	29.06	278	30519m	2.247	ng/ul	
94) Benzo(g,h,i)perylene	30.21	276	95768	7.199	ng/ul#	93

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

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