Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047823.D
Acq On : 24 Dec 2020 8:04
Operator : CG/JU
Sample : L5149-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB897

Manual Integrations APPROVED
mohammad
12/28/2020 1:35:52 PM

Quant Time: Dec 24 08:46:35 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	74066	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	257683	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	188250	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	430815	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	380081	20.00	ng/ul	0.00
86) Perylene-d12	25.19	264	386124	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	4936	3.55	ng/uL	0.00
5) Phenol-d5	7.34	99	121648	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	62069	19.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	91969	19.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	94975	18.88	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	44990	21.41	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	57447	22.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	108649	19.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	120153	23.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	322432	19.72	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	408791	21.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	44188	18.22	ng/ul	0.00
58) Fluorene-d10	15.81	176	295923	19.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	54943	18.84	ng/ul	0.00
71) Anthracene-d10	17.66	188	436277m	20.30	ng/ul	0.00
79) Pyrene-d10	19.93	212	463908	20.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.96	264	469046	20.80	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.07	128	50912	3.543	ng/ul#	94
34) 2-Methylnaphthalene	12.67	142	22240	2.009	ng/ul	98
50) Acenaphthene	14.89	153	24671	2.015	ng/ul	98
54) Dibenzofuran	15.22	168	37954	2.124	ng/ul	96
59) Fluorene	15.86	166	37859	2.478	ng/ul	96
70) Phenanthrene	17.60	178	482163	20.649	ng/ul	98
72) Anthracene	17.69	178	119535	5.136	ng/ul	99
75) Carbazole	17.95	167	27424	1.477	ng/ul	97
77) Fluoranthene	19.60	202	646487	21.759	ng/ul	99
80) Pyrene	19.96	202	509900	18.446	ng/ul#	98
83) Benzo(a)anthracene	21.81	228	275515	10.146	ng/ul	99
85) Chrysene	21.88	228	235065	9.172	ng/ul	98
88) Benzo(b)fluoranthene	24.12	252	299515	11.112	ng/ul	93
89) Benzo(k)fluoranthene	24.18	252	88891	3.328	ng/ul	100
91) Benzo(a)pyrene	25.03	252	178164m	7.330	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.02	276	106871m	3.605	ng/ul	
93) Dibenzo(a,h)anthracene	29.08	278	31266m	1.258	ng/ul	
94) Benzo(g,h,i)perylene	30.22	276	88654m	3.643	ng/ul	

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

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