Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047666.D
Acq On : 9 Dec 2020 3:38
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B98

Manual Integrations APPROVED
mohammad
12/9/2020 12:28:23 PM

Quant Time: Dec 09 05:28:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:54:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	27258	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	101138	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	79111	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	203137	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	209319	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	217071	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1468	2.87	ng/uL	-0.01
5) Phenol-d5	7.35	99	32839	14.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	18737	15.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.75	132	25107	14.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	24993	13.50	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	13270	16.09	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	15299	15.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	31286	14.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	29310	14.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	104323	15.18	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	129298	16.48	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	13663m	13.41	ng/ul	0.00
58) Fluorene-d10	15.82	176	99342	15.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	18594	13.52	ng/ul	0.00
71) Anthracene-d10	17.67	188	168548m	16.63	ng/ul	0.00
79) Pyrene-d10	19.94	212	206294	16.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	214758	16.94	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.38	94	4509	2.046	ng/ul#	82
45) Dimethylphthalate	14.27	163	27791	3.992	ng/ul#	96
77) Fluoranthene	19.61	202	50943	3.636	ng/ul#	97
80) Pyrene	19.97	202	46628	3.063	ng/ul#	96
83) Benzo(a)anthracene	21.83	228	28762m	1.923	ng/ul	
85) Chrysene	21.89	228	29537	2.093	ng/ul	96
88) Benzo(b)fluoranthene	24.14	252	50271m	3.318	ng/ul	
89) Benzo(k)fluoranthene	24.19	252	17786m	1.184	ng/ul	
91) Benzo(a)pyrene	25.04	252	32805	2.401	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.06	276	25491m	1.530	ng/ul	
94) Benzo(g,h,i)perylene	30.25	276	20177m	1.475	ng/ul	

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

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