Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101920\
Data File : BG046987.D
Acq On : 19 Oct 2020 15:00
Operator : CG/JU
Sample : L4308-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP8

Manual Integrations APPROVED
mohammad
10/20/2020 2:57:48 PM

Quant Time: Oct 19 15:43:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 11:15:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	55029	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	230801	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	168987	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	379288	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	350298	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	355060	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	4838	3.90	ng/uL	0.00
5) Phenol-d5	7.22	99	92112	19.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	58699	20.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	72739	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	68212	17.60	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	39672	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	47247	21.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	87330	19.89	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	78903	15.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	303942	21.65	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	338717	21.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	35924	14.85	ng/ul	0.00
58) Fluorene-d10	15.69	176	264362	20.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	32944	12.61	ng/ul	0.00
71) Anthracene-d10	17.54	188	381893m	20.79	ng/ul	0.00
79) Pyrene-d10	19.82	212	413211	21.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	386149	19.31	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.14	163	151900	10.438	ng/ul	100
70) Phenanthrene	17.48	178	113754	5.241	ng/ul	99
77) Fluoranthene	19.49	202	310449	11.714	ng/ul	99
80) Pyrene	19.85	202	240971	10.165	ng/ul	98
83) Benzo(a)anthracene	21.69	228	145351	6.012	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.59	149	16249	1.319	ng/ul#	98
85) Chrysene	21.76	228	164093m	7.035	ng/ul	
88) Benzo(b)fluoranthene	23.92	252	222486	9.033	ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	67045	2.823	ng/ul	99
91) Benzo(a)pyrene	24.79	252	125455	5.666	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.63	276	100664	3.711	ng/ul#	96
93) Dibenzo(a,h)anthracene	28.68	278	29407m	1.307	ng/ul	
94) Benzo(g,h,i)perylene	29.78	276	80015	3.514	ng/ul	97

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

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