Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047444.D
Acq On : 24 Nov 2020 13:24
Operator : CG/JU
Sample : L4751-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B81

Manual Integrations APPROVED
mohammad
11/25/2020 12:48:13 PM

Quant Time: Nov 24 14:06:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	35540	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	140099	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	103652	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	223343	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	208496	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	213218	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	1544m	1.58	ng/uL	0.00
5) Phenol-d5	7.40	99	40421	11.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	24431	12.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	32379	13.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	31617	11.54	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	16389	14.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	17312	13.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	39456	13.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	39389	13.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	120348	13.52	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	140910	13.70	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	12221	9.00	ng/ul	0.00
58) Fluorene-d10	15.86	176	111939	13.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	6484	5.10	ng/ul	-0.01
71) Anthracene-d10	17.71	188	168537	15.21	ng/ul	0.00
79) Pyrene-d10	19.98	212	182115	15.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	179526	14.63	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.44	94	7209m	2.111	ng/ul	
45) Dimethylphthalate	14.32	163	23368	2.575	ng/ul	99
70) Phenanthrene	17.66	178	45286	3.755	ng/ul	98
77) Fluoranthene	19.65	202	122084	8.015	ng/ul#	99
80) Pyrene	20.01	202	95182	6.445	ng/ul	99
83) Benzo(a)anthracene	21.87	228	48749	3.286	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	13168	1.821	ng/ul	97
85) Chrysene	21.95	228	51295	3.633	ng/ul	96
88) Benzo(b)fluoranthene	24.22	252	74555	4.952	ng/ul	98
89) Benzo(k)fluoranthene	24.27	252	26788m	1.806	ng/ul	
91) Benzo(a)pyrene	25.14	252	49027m	3.653	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.22	276	35352m	2.166	ng/ul	
94) Benzo(g,h,i)perylene	30.44	276	27845m	2.067	ng/ul	

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

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