Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW9

Manual Integrations APPROVED
mohammad
11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:20:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	40227	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	153419	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	113512	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	254551m	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	212470	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	220818	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	3030	2.74	ng/uL	0.00
5) Phenol-d5	7.41	99	94526	23.43	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.59	67	50344	21.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	69071	25.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	74843	24.14	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	34067	26.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	41539	30.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	87685	27.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	96275	30.07	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	280556	28.79	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	334281	29.68	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	37809	25.43	ng/ul	0.02
58) Fluorene-d10	15.87	176	256859	28.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	26302m	18.15	ng/ul	0.00
71) Anthracene-d10	17.72	188	391425	31.00	ng/ul	0.00
79) Pyrene-d10	19.98	212	415706	33.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	404866	31.85	ng/ul	0.02
Target Compounds						Qvalue
45) Dimethylphthalate	14.33	163	95235	9.581	ng/ul#	94
70) Phenanthrene	17.66	178	42310	3.078	ng/ul	98
77) Fluoranthene	19.65	202	110053m	6.339	ng/ul	
80) Pyrene	20.01	202	87003	5.781	ng/ul#	96
83) Benzo(a)anthracene	21.88	228	50510	3.341	ng/ul	94
85) Chrysene	21.95	228	42370	2.945	ng/ul	96
88) Benzo(b)fluoranthene	24.22	252	57819	3.709	ng/ul#	95
89) Benzo(k)fluoranthene	24.28	252	16976m	1.105	ng/ul	
91) Benzo(a)pyrene	25.14	252	42893m	3.086	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.21	276	27973m	1.655	ng/ul	
94) Benzo(g,h,i)perylene	30.45	276	27410m	1.965	ng/ul	

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

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