Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047454.D
Acq On : 24 Nov 2020 20:09
Operator : CG/JU
Sample : L4751-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW3

Manual Integrations APPROVED
mohammad
11/25/2020 12:48:31 PM

Quant Time: Nov 25 02:06:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 01:15:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	25300	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	99475	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	75588	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	169015	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	160262	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	165605	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	1494m	2.15	ng/uL	0.00
5) Phenol-d5	7.40	99	35788	14.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	21474	14.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	30677	18.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	25981	13.33	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	15702	19.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	15327	17.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	36969	18.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	29699	14.31	ng/ul	-0.01
44) Dimethylphthalate-d6	14.28	166	114317	17.62	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	138791	18.51	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	13990	14.13	ng/ul	-0.01
58) Fluorene-d10	15.87	176	106005	17.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	7175	7.46	ng/ul	0.00
71) Anthracene-d10	17.71	188	165803	19.77	ng/ul	0.00
79) Pyrene-d10	19.98	212	188189	20.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	194210	20.37	ng/ul	-0.01
Target Compounds						Qvalue
45) Dimethylphthalate	14.32	163	48549	7.335	ng/ul#	95
70) Phenanthrene	17.66	178	12203	1.337	ng/ul	97
77) Fluoranthene	19.65	202	33152	2.876	ng/ul#	94
80) Pyrene	20.01	202	27304	2.405	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	16967	1.488	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	16231	2.921	ng/ul	98
85) Chrysene	21.95	228	20107m	1.853	ng/ul	
88) Benzo(b)fluoranthene	24.21	252	29105	2.489	ng/ul	95
91) Benzo(a)pyrene	25.14	252	18522m	1.777	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.20	276	13236m	1.044	ng/ul	
94) Benzo(g,h,i)perylene	30.42	276	10606m	1.014	ng/ul	

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

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