Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047393.D
Acq On : 21 Nov 2020 11:52
Operator : CG/JU
Sample : L4854-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD1

Manual Integrations APPROVED
mohammad
11/24/2020 9:00:16 AM

Quant Time: Nov 21 13:19:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 11:53:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	42002	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	145225	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	98967	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.63	188	200239	20.00	ng/ul	0.02
78) Chrysene-d12	21.94	240	225339	20.00	ng/ul	0.04
86) Perylene-d12	25.42	264	258638m	20.00	ng/ul	0.12
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.63	96	2158	1.87	ng/uL	0.01
5) Phenol-d5	7.40	99	64617	15.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	39394	16.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	45488	16.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	49292	15.23	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	24115	20.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	27368	20.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	53258	17.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	115530	38.12	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	145746	17.15	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	181966	18.53	ng/ul	0.02
52) 4-Nitrophenol-d4	15.05	143	21469	16.56	ng/ul	0.01
58) Fluorene-d10	15.88	176	129817	16.68	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	16.00	200	22829m	20.03	ng/ul	0.03
71) Anthracene-d10	17.73	188	197293	19.86	ng/ul	0.02
79) Pyrene-d10	20.00	212	225443	17.19	ng/ul	0.02
90) Benzo(a)pyrene-d12	25.18	264	268427m	18.03	ng/ul	0.12
Target Compounds						Qvalue
6) Phenol	7.43	94	13299	3.295	ng/ul#	88
28) Naphthalene	11.16	128	131715	16.013	ng/ul#	93
34) 2-Methylnaphthalene	12.74	142	369449	60.611	ng/ul	97
41) 1,1'-Biphenyl	13.73	154	85904	11.190	ng/ul	100
45) Dimethylphthalate	14.33	163	51474	5.940	ng/ul#	71
50) Acenaphthene	14.96	153	101249	15.817	ng/ul	86
54) Dibenzofuran	15.29	168	97484	10.368	ng/ul#	8
59) Fluorene	15.93	166	138685	17.509	ng/ul#	88
70) Phenanthrene	17.68	178	1270370	117.482	ng/ul#	95
72) Anthracene	17.77	178	138181	12.689	ng/ul#	82
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	4079	1.296	ng/uL	88
77) Fluoranthene	19.67	202	234302	17.157	ng/ul#	95
80) Pyrene	20.04	202	1299410	81.407	ng/ul#	98
83) Benzo(a)anthracene	21.92	228	181487	11.319	ng/ul#	19
85) Chrysene	21.99	228	217866	14.279	ng/ul#	60
88) Benzo(b)fluoranthene	24.31	252	106696m	5.843	ng/ul	
91) Benzo(a)pyrene	25.26	252	130440m	8.013	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.39	276	42916m	2.167	ng/ul	
94) Benzo(g,h,i)perylene	30.65	276	73933m	4.525	ng/ul	

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

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