Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047587.D
Acq On : 5 Dec 2020 2:23
Operator : CG/JU
Sample : L4855-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB801

Manual Integrations APPROVED
mohammad
12/7/2020 2:00:21 PM

Quant Time: Dec 05 03:19:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 02:47:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	26200	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	105958	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	80800	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	184185	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	169316	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	182309	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	3543	4.92	ng/uL	-0.03
5) Phenol-d5	7.38	99	83048	31.61	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	43108	28.77	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.78	132	62822	35.65	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	64478	31.93	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	29341	33.52	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.14	143	38877	40.71	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.68	165	78348	35.83	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	66796	30.21	ng/ul	-0.02
44) Dimethylphthalate-d6	14.26	166	229455	33.08	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	274510	34.24	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	33662	31.81	ng/ul	0.00
58) Fluorene-d10	15.85	176	208578	32.83	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	46931	44.77	ng/ul	-0.02
71) Anthracene-d10	17.70	188	318937	34.91	ng/ul	-0.02
79) Pyrene-d10	19.97	212	347182	35.24	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.04	264	360612	34.37	ng/ul	-0.02
Target Compounds						Qvalue
4) Benzaldehyde	7.38	77	2270	1.463	ng/ul	97
6) Phenol	7.42	94	3052	1.212	ng/ul	91
28) Naphthalene	11.13	128	9325	1.554	ng/ul#	92
45) Dimethylphthalate	14.30	163	9232	1.305	ng/ul#	96
70) Phenanthrene	17.64	178	47038	4.729	ng/ul	97
77) Fluoranthene	19.63	202	97535	7.765	ng/ul#	96
80) Pyrene	20.00	202	83230	6.940	ng/ul#	89
83) Benzo(a)anthracene	21.86	228	52215	4.334	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.74	149	13920	2.371	ng/ul#	90
85) Chrysene	21.93	228	50369m	4.394	ng/ul	
88) Benzo(b)fluoranthene	24.19	252	69606	5.408	ng/ul	99
89) Benzo(k)fluoranthene	24.25	252	27936m	2.202	ng/ul	
91) Benzo(a)pyrene	25.11	252	47126	4.107	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.16	276	33634m	2.410	ng/ul	
94) Benzo(g,h,i)perylene	30.37	276	36362m	3.157	ng/ul	

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

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