Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047560.D
Acq On : 4 Dec 2020 6:13
Operator : CG/JU
Sample : L4855-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z2

Manual Integrations APPROVED
mohammad
12/4/2020 4:31:24 PM

Quant Time: Dec 04 07:02:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	34344	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	132762	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	103524	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	257223	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	220753	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	238208	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	3831	4.06	ng/uL	0.00
5) Phenol-d5	7.39	99	90616	26.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	49983	25.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	69494	30.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	70888	26.78	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	34420	31.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	41281	34.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	84371	30.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	72344	26.11	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	253425	28.52	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	312141	30.39	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	43667	32.20	ng/ul	0.00
58) Fluorene-d10	15.85	176	242879	29.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	42369	28.94	ng/ul	0.00
71) Anthracene-d10	17.70	188	371843	29.14	ng/ul	0.00
79) Pyrene-d10	19.97	212	392923	30.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	402265	29.34	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.41	94	4162	1.261	ng/ul#	78
45) Dimethylphthalate	14.30	163	11958	1.319	ng/ul#	96
70) Phenanthrene	17.65	178	61378	4.419	ng/ul	98
77) Fluoranthene	19.63	202	129758	7.397	ng/ul	99
80) Pyrene	20.00	202	106029	6.781	ng/ul#	96
81) Butylbenzylphthalate	20.86	149	8421	1.533	ng/ul	86
83) Benzo(a)anthracene	21.86	228	58860	3.747	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.75	149	75628	9.879	ng/ul	98
85) Chrysene	21.92	228	58280	3.899	ng/ul	98
88) Benzo(b)fluoranthene	24.19	252	89213m	5.304	ng/ul	
89) Benzo(k)fluoranthene	24.25	252	28959	1.747	ng/ul#	96
91) Benzo(a)pyrene	25.11	252	56620	3.776	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.16	276	41279m	2.263	ng/ul	
94) Benzo(g,h,i)perylene	30.38	276	40099m	2.665	ng/ul	

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

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