Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024584.D
Acq On : 22 Jan 2020 16:34
Operator : JU
Sample : L1118-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASK2

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Quant Time: Jan 22 17:13:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:40:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	243358	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1034559	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.10	164	782382	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1857762	20.00	ng/ul	0.02
78) Chrysene-d12	21.08	240	1559758	20.00	ng/ul	0.02
86) Perylene-d12	23.20	264	1489782m	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	8714	1.75	ng/uL	0.00
5) Phenol-d5	6.65	99	229074	12.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	137139	13.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	222394	14.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	213811	12.86	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	125764	17.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	134318	17.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	264452	14.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	253615	12.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	840687	13.71	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1133980	16.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	111216	10.87	ng/ul	0.00
58) Fluorene-d10	15.11	176	911708	16.90	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.23	200	82026	7.73	ng/ul	0.00
71) Anthracene-d10	16.97	188	1523314	17.63	ng/ul	0.02
79) Pyrene-d10	19.27	212	1668223	20.01	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.07	264	1287385m	16.66	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	6.67	94	20130	1.098	ng/ul#	86
28) Naphthalene	10.27	128	24602740m	464.195	ng/ul	
34) 2-Methylnaphthalene	11.90	142	11738455	285.425	ng/ul	99
41) 1,1'-Biphenyl	12.93	154	1003218	17.662	ng/ul	100
45) Dimethylphthalate	13.57	163	225278	3.615	ng/ul#	94
48) Acenaphthylene	13.83	152	9702041	134.619	ng/ul	98
50) Acenaphthene	14.17	153	439581	9.012	ng/ul	98
54) Dibenzofuran	14.51	168	1410237	19.735	ng/ul	100
59) Fluorene	15.17	166	2590040	42.869	ng/ul	98
70) Phenanthrene	16.92	178	12070558	120.478	ng/ul	97
72) Anthracene	17.00	178	4699778	46.001	ng/ul	98
75) Carbazole	17.26	167	394162	4.585	ng/ul#	66
77) Fluoranthene	18.94	202	5045459m	41.204	ng/ul	
80) Pyrene	19.31	202	7583302	71.020	ng/ul	98
83) Benzo(a)anthracene	21.06	228	2449753m	23.056	ng/ul	
85) Chrysene	21.10	228	6100480	59.584	ng/ul	96
88) Benzo(b)fluoranthene	22.58	252	3108363m	31.568	ng/ul	
89) Benzo(k)fluoranthene	22.60	252	887727m	9.173	ng/ul	
91) Benzo(a)pyrene	23.13	252	9098973	106.333	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.31	276	10575623m	118.117	ng/ul	
93) Dibenzo(a,h)anthracene	25.30	278	2183749m	28.738	ng/ul	
94) Benzo(g,h,i)perylene	25.94	276	8263063m	116.123	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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