Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009520.D
Acq On : 31 Jan 2020 20:36
Operator : CG/JU
Sample : L1271-11 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT02

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mohammad
2/3/2020 4:08:56 PM

Quant Time: Feb 01 01:35:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	191258	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	785067	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	498773	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.85	188	941317	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	840652	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	889731	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	2223	0.48	ng/uL	0.01
5) Phenol-d5	6.65	99	47071	2.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	35308	2.93	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	37155	3.00	ng/ul	-0.01
13) 4-Methylphenol-d8	8.16	113	37965	2.81	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	18605	3.26	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.31	143	19344	3.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	37589	3.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	6121m	0.43	ng/ul	0.02
43) Dimethylphthalate-d6	13.52	166	136588	3.70	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	142862	3.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	24844	3.62	ng/ul	0.00
57) Fluorene-d10	15.09	176	112545	3.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	15753	2.76	ng/ul	0.00
70) Anthracene-d10	16.95	188	155498	3.57	ng/ul	0.00
78) Pyrene-d10	19.25	212	158022	3.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	153258	3.41	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	11.87	142	232172	7.983	ng/ul	98
40) 1,1'-Biphenyl	12.92	154	2153923	57.031	ng/ul	99
47) Acenaphthylene	13.81	152	3383353	71.554	ng/ul	97
49) Acenaphthene	14.15	153	556439	17.250	ng/ul	97
53) Dibenzofuran	14.49	168	720618	16.078	ng/ul	95
58) Fluorene	15.15	166	3124754	83.205	ng/ul	94
64) N-Nitrosodiphenylamine	15.37	169	69051	2.477	ng/ul#	81
69) Phenanthrene	16.90	178	14966426	281.782	ng/ul	96
71) Anthracene	16.97	178	720692	13.327	ng/ul	99
76) Fluoranthene	18.92	202	3013279	49.490	ng/ul	99
79) Pyrene	19.28	202	4447722	73.071	ng/ul	99
82) Benzo(a)anthracene	21.04	228	1434225m	25.053	ng/ul	
84) Chrysene	21.09	228	1372821	24.617	ng/ul	98
87) Benzo(b)fluoranthene	22.55	252	783838	13.933	ng/ul	97
88) Benzo(k)fluoranthene	22.58	252	203219m	3.674	ng/ul	
90) Benzo(a)pyrene	23.07	252	300683	5.954	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.23	276	283191	4.628	ng/ul	95
92) Dibenzo(a,h)anthracene	25.24	278	106241	2.058	ng/ul	98
93) Benzo(g,h,i)perylene	25.86	276	214120	4.206	ng/ul	98

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

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