Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009597.D
Acq On : 05 Feb 2020 12:02
Operator : CG/JU
Sample : L1271-06
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASZ7

Manual Integrations APPROVED
mohammad
2/6/2020 8:12:30 AM

Quant Time: Feb 05 15:27:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	138396	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	499855	20.00	ng/ul	0.06
35) Acenaphthene-d10	14.11	164	811844m	20.00	ng/ul	0.03
61) Phenanthrene-d10	16.89	188	621096m	20.00	ng/ul	0.06
77) Chrysene-d12	21.07	240	642114m	20.00	ng/ul	0.03
85) Perylene-d12	23.19	264	747226m	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	10509	3.12	ng/uL	0.01
5) Phenol-d5	6.65	99	228936	18.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	173417	21.39	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	175605	19.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	189366	19.70	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	136503	36.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	103478	24.95	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.85	165	196138	25.24	ng/ul	0.02
29) 4-Chloroaniline-d4	10.35	131	162348m	19.43	ng/ul	0.01
43) Dimethylphthalate-d6	13.57	166	716551	12.09	ng/ul	0.06
46) Acenaphthylene-d8	13.83	160	754539	10.54	ng/ul	0.06
51) 4-Nitrophenol-d4	14.35	143	210862m	18.84	ng/ul	0.04
57) Fluorene-d10	15.12	176	666063m	12.78	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	15.34	200	56972m	14.69	ng/ul	0.12
70) Anthracene-d10	17.00	188	797309	28.25	ng/ul	0.07
78) Pyrene-d10	19.27	212	873013m	25.86	ng/ul	0.03
89) Benzo(a)pyrene-d12	23.06	264	912901m	24.81	ng/ul	0.04
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.42	107	41678	4.247	ng/ul#	68
28) Naphthalene	10.25	128	76942782m	2838.515	ng/ul	
34) 2-Methylnaphthalene	11.89	142	96427315m	5083.249	ng/ul	
40) 1,1'-Biphenyl	12.93	154	21124703m	334.201	ng/ul	
44) Dimethylphthalate	13.61	163	172595	2.744	ng/ul#	95
47) Acenaphthylene	13.85	152	36108058m	460.767	ng/ul	
49) Acenaphthene	14.19	153	8987913	168.711	ng/ul	97
53) Dibenzofuran	14.52	168	9468363	127.632	ng/ul	94
58) Fluorene	15.18	166	31407397m	506.582	ng/ul	
69) Phenanthrene	16.90	178	59079732m	1667.956	ng/ul	
71) Anthracene	17.03	178	17044406m	474.250	ng/ul	
76) Fluoranthene	18.93	202	24454130m	604.910	ng/ul	
79) Pyrene	19.30	202	31356267m	668.943	ng/ul	
82) Benzo(a)anthracene	21.06	228	18204856m	410.625	ng/ul	
84) Chrysene	21.11	228	16476860m	373.318	ng/ul	
87) Benzo(b)fluoranthene	22.59	252	11741532m	251.153	ng/ul	
88) Benzo(k)fluoranthene	22.61	252	2813882m	61.117	ng/ul	
90) Benzo(a)pyrene	23.11	252	9042877m	208.772	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.27	276	4531767m	88.000	ng/ul	
92) Dibenzo(a,h)anthracene	25.27	278	1630365m	37.611	ng/ul	
93) Benzo(g,h,i)perylene	25.91	276	3943070m	91.360	ng/ul	

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

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