Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009608.D
Acq On : 06 Feb 2020 13:56
Operator : CG/JU
Sample : L1323-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT54

Manual Integrations APPROVED
mohammad
2/10/2020 8:19:04 AM

Quant Time: Feb 06 21:56:23 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	7.43	152	139364	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.18	136	578469	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.07	164	353488	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.83	188	730635	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	667479	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	729742	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	7859	2.31	ng/uL	0.00
5) Phenol-d5	6.63	99	149786	12.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	110816	13.57	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	122378	13.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	118205	12.21	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	57413	13.35	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.29	143	62091	12.93	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.82	165	116402	12.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	111771	11.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	370591	14.36	ng/ul	-0.01
46) Acenaphthylene-d8	13.76	160	440212	14.12	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.31	143	43853	9.00	ng/ul	0.00
57) Fluorene-d10	15.07	176	329160	14.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	46306	10.15	ng/ul	0.00
70) Anthracene-d10	16.93	188	510485	15.38	ng/ul	0.00
78) Pyrene-d10	19.23	212	564325	16.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	575463	16.02	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.66	94	27391	2.109	ng/ul	95
14) Acetophenone	8.26	105	20709	1.337	ng/ul	98
28) Naphthalene	10.23	128	355886	11.345	ng/ul	99
34) 2-Methylnaphthalene	11.86	142	1304811	59.436	ng/ul	100
40) 1,1'-Biphenyl	12.89	154	176352	6.408	ng/ul	98
44) Dimethylphthalate	13.55	163	73820	2.696	ng/ul#	97
47) Acenaphthylene	13.79	152	1050779	30.795	ng/ul	99
49) Acenaphthene	14.13	153	123147	5.309	ng/ul	95
53) Dibenzofuran	14.47	168	85359	2.643	ng/ul	89
58) Fluorene	15.13	166	594403	22.019	ng/ul	97
69) Phenanthrene	16.87	178	3177611	76.261	ng/ul	99
71) Anthracene	16.96	178	597076	14.123	ng/ul	99
76) Fluoranthene	18.90	202	1353970	28.471	ng/ul	98
79) Pyrene	19.26	202	2775376	56.959	ng/ul	97
82) Benzo(a)anthracene	21.03	228	959881m	20.828	ng/ul	
84) Chrysene	21.08	228	898005	19.573	ng/ul	99
87) Benzo(b)fluoranthene	22.54	252	736012m	16.121	ng/ul	
88) Benzo(k)fluoranthene	22.57	252	244339m	5.434	ng/ul	
90) Benzo(a)pyrene	23.07	252	852760	20.159	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.22	276	329531	6.552	ng/ul	96
92) Dibenzo(a,h)anthracene	25.22	278	111970	2.645	ng/ul#	91
93) Benzo(g,h,i)perylene	25.84	276	303240	7.194	ng/ul#	91

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

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