Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009698.D
Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT66MEDL

Manual Integrations APPROVED
mohammad
2/12/2020 9:51:48 AM

Quant Time: Feb 11 05:53:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	135943	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	570154	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	360352	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.82	188	776963	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	754372	20.00	ng/ul	-0.01
85) Perylene-d12	23.14	264	761011	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	897	0.27	ng/uL	0.00
5) Phenol-d5	6.64	99	20524	1.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	17685	2.22	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	17351	1.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	16154	1.71	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	8379	1.98	ng/ul	0.01
22) 2-Nitrophenol-d4	9.29	143	7402	1.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	16033	1.81	ng/ul	0.01
29) 4-Chloroaniline-d4	10.34	131	14705	1.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	63561	2.42	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	72409	2.28	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.07	176	65183	2.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	3963	0.82	ng/ul	0.01
70) Anthracene-d10	16.92	188	95019	2.69	ng/ul	-0.01
78) Pyrene-d10	19.23	212	99789	2.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	94911	2.53	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.22	128	889639	28.773	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	646222	29.866	ng/ul	95
40) 1,1'-Biphenyl	12.89	154	71262	2.540	ng/ul	95
47) Acenaphthylene	13.78	152	378110	10.870	ng/ul	99
49) Acenaphthene	14.13	153	29917	1.265	ng/ul	97
58) Fluorene	15.12	166	206907	7.519	ng/ul	99
69) Phenanthrene	16.86	178	905761	20.442	ng/ul	99
71) Anthracene	16.95	178	227891	5.069	ng/ul	99
76) Fluoranthene	18.89	202	392045	7.752	ng/ul	99
79) Pyrene	19.26	202	674971	12.257	ng/ul	99
82) Benzo(a)anthracene	21.02	228	215549m	4.138	ng/ul	
84) Chrysene	21.07	228	184621	3.561	ng/ul	99
87) Benzo(b)fluoranthene	22.53	252	210615	4.423	ng/ul#	93
88) Benzo(k)fluoranthene	22.56	252	52981m	1.130	ng/ul	
90) Benzo(a)pyrene	23.06	252	184788	4.189	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.20	276	90238	1.721	ng/ul	92
93) Benzo(g,h,i)perylene	25.82	276	70617	1.607	ng/ul	91

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

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