Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT66

Manual Integrations APPROVED
mohammad
2/11/2020 8:23:19 AM

Quant Time: Feb 10 12:46:06 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	177695	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	734229	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	452284	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	868086	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	768566	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	840397	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	699	0.16	ng/uL	0.02
5) Phenol-d5	6.64	99	32467	2.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	26645	2.56	ng/ul	0.01
9) 2-Chlorophenol-d4	6.98	132	24851	2.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	26153	2.12	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	15566	2.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	12328	2.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	25282	2.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	22207	1.81	ng/ul	0.04
43) Dimethylphthalate-d6	13.50	166	81121	2.46	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	91412	2.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	10225	1.64	ng/ul	0.02
57) Fluorene-d10	15.08	176	67825	2.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	6953m	1.28	ng/ul	0.02
70) Anthracene-d10	16.93	188	102829m	2.61	ng/ul	0.00
78) Pyrene-d10	19.24	212	103917	2.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	101227	2.45	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.25	128	18754742	471.028	ng/ul	96
34) 2-Methylnaphthalene	11.88	142	13519392	485.189	ng/ul	99
40) 1,1'-Biphenyl	12.90	154	1494966	42.453	ng/ul	99
47) Acenaphthylene	13.80	152	8144192	186.546	ng/ul	99
49) Acenaphthene	14.14	153	630393	21.240	ng/ul	99
53) Dibenzofuran	14.47	168	667122	16.142	ng/ul	91
58) Fluorene	15.14	166	4029979	116.676	ng/ul	98
69) Phenanthrene	16.89	178	15116840	305.354	ng/ul	95
71) Anthracene	16.97	178	4098693	81.596	ng/ul	99
74) Carbazole	17.24	167	99305	2.271	ng/ul#	79
76) Fluoranthene	18.91	202	8381001	148.330	ng/ul	95
79) Pyrene	19.29	202	15218876m	271.255	ng/ul	
82) Benzo(a)anthracene	21.04	228	4894940m	92.244	ng/ul	
84) Chrysene	21.09	228	4335519	82.069	ng/ul	98
87) Benzo(b)fluoranthene	22.56	252	4902954	93.248	ng/ul	97
88) Benzo(k)fluoranthene	22.59	252	1578348m	30.481	ng/ul	
90) Benzo(a)pyrene	23.09	252	4952918	101.670	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.25	276	2439063	42.112	ng/ul	96
92) Dibenzo(a,h)anthracene	25.24	278	732768	15.030	ng/ul#	94
93) Benzo(g,h,i)perylene	25.88	276	2484740	51.188	ng/ul	94

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

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