Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009184.D
Acq On : 26 Dec 2019 22:04
Operator : JU
Sample : K6381-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5R8

Manual Integrations APPROVED
mohammad
12/27/2019 3:20:25 PM

Quant Time: Dec 27 03:34:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	341694	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1511565	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	949033	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1959146	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1459746	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1361117	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	34608	4.63	ng/uL	0.00
5) Phenol-d5	6.72	99	854286	26.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	555883	26.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	642685	27.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	694054	26.47	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	334970	29.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	380363	29.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	657103	27.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	866280	29.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	1943886	27.27	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2487720	29.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	350953	24.76	ng/ul	0.00
57) Fluorene-d10	15.15	176	1728591	27.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	207709	16.99	ng/ul	0.00
70) Anthracene-d10	17.00	188	2493794	27.36	ng/ul	0.00
78) Pyrene-d10	19.30	212	2669795	35.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	1991117	29.03	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.68	77	26247	1.289	ng/ul	96
44) Dimethylphthalate	13.62	163	181798	2.494	ng/ul	97
69) Phenanthrene	16.95	178	1451149	13.434	ng/ul	99
71) Anthracene	17.03	178	287750	2.589	ng/ul	99
74) Carbazole	17.31	167	143175	1.491	ng/ul	99
76) Fluoranthene	18.97	202	2721590	21.815	ng/ul	98
79) Pyrene	19.33	202	2336661	23.080	ng/ul	99
82) Benzo(a)anthracene	21.10	228	1180301	11.966	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.06	149	211866	3.104	ng/ul	98
84) Chrysene	21.15	228	1138485	12.011	ng/ul	99
87) Benzo(b)fluoranthene	22.62	252	1423173	17.108	ng/ul	98
88) Benzo(k)fluoranthene	22.66	252	327661	4.033	ng/ul	99
90) Benzo(a)pyrene	23.16	252	832186	10.895	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.34	276	547152	5.913	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.36	278	147119m	1.884	ng/ul	
93) Benzo(g,h,i)perylene	25.98	276	504811	6.519	ng/ul	97

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

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