Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010527.D
Acq On : 16 Apr 2020 21:34
Operator : CG/JU
Sample : L2191-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A0

Manual Integrations APPROVED
mohammad
4/17/2020 1:52:12 PM

Quant Time: Apr 17 03:33:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 10:21:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	454141	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2031461	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1322593	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	2974059	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2971209	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2647622	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	64896	7.48	ng/uL	0.00
5) Phenol-d5	6.79	99	1442767	40.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	767775	42.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	1241614	40.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1259476	41.66	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	644167	41.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	708915	40.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1329773	38.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1360045	34.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	4126540	42.05	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	5052439	41.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	714620	37.40	ng/ul	0.00
58) Fluorene-d10	15.22	176	3703637	42.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	579632	37.31	ng/ul	0.00
71) Anthracene-d10	17.07	188	5786645	42.01	ng/ul	0.00
79) Pyrene-d10	19.37	212	6689064	39.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	6054917	44.09	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.69	163	511810	5.024	ng/ul	99
70) Phenanthrene	17.01	178	916498	5.549	ng/ul	98
72) Anthracene	17.10	178	176813	1.056	ng/ul	98
77) Fluoranthene	19.03	202	1590736	8.865	ng/ul	97
80) Pyrene	19.40	202	1305716	6.082	ng/ul	96
83) Benzo(a)anthracene	21.16	228	724761	3.516	ng/ul	98
85) Chrysene	21.21	228	668070	3.447	ng/ul	99
88) Benzo(b)fluoranthene	22.70	252	850604	4.923	ng/ul#	94
89) Benzo(k)fluoranthene	22.74	252	224469m	1.310	ng/ul	
91) Benzo(a)pyrene	23.25	252	504545	3.287	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.49	276	305405	1.768	ng/ul	93
94) Benzo(g,h,i)perylene	26.13	276	211208	1.477	ng/ul	92

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

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