Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009949.D
Acq On : 27 Feb 2020 04:19
Operator : CG/JU
Sample : L1612-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 27 08:39:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM1

Manual Integrations APPROVED
mohammad
2/27/2020 4:57:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	101305	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	453378	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	296987	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	637855	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	627950	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	646563	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	3426m	1.39	ng/uL	0.00
5) Phenol-d5	6.59	99	61267	7.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	45686	7.68	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	49873	7.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	48640	7.10	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	23512	7.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	26040	7.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	50642	7.26	ng/ul	0.02
29) 4-Chloroaniline-d4	10.30	131	31429	4.01	ng/ul	0.02
44) Dimethylphthalate-d6	13.45	166	175034	7.89	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	198774	7.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	18713m	4.62	ng/ul	0.02
58) Fluorene-d10	15.03	176	161356	8.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	19504	4.92	ng/ul	0.01
71) Anthracene-d10	16.88	188	248709	8.51	ng/ul	0.00
79) Pyrene-d10	19.19	212	279943	8.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	280145	8.68	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.22	105	12583m	1.127	ng/ul	
34) 2-Methylnaphthalene	11.81	142	20538	1.210	ng/ul	94
45) Dimethylphthalate	13.50	163	24064	1.040	ng/ul	99
48) Acenaphthylene	13.74	152	117045	4.139	ng/ul	97
54) Dibenzofuran	14.43	168	43783	1.609	ng/ul	90
59) Fluorene	15.09	166	99379	4.352	ng/ul	96
70) Phenanthrene	16.82	178	304392	8.362	ng/ul	99
72) Anthracene	16.92	178	7727870	207.664	ng/ul	99
75) Carbazole	17.19	167	959428	29.277	ng/ul	98
77) Fluoranthene	18.85	202	499583	11.716	ng/ul	99
80) Pyrene	19.22	202	796998	17.605	ng/ul	100
83) Benzo(a)anthracene	20.99	228	634778	14.710	ng/ul	93
85) Chrysene	21.04	228	849206m	19.989	ng/ul	
88) Benzo(b)fluoranthene	22.50	252	3145732	75.040	ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	701107m	17.663	ng/ul	
91) Benzo(a)pyrene	23.02	252	1393290	36.954	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	1062035	23.725	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.14	278	269612	7.041	ng/ul#	76
94) Benzo(g,h,i)perylene	25.76	276	633807	16.886	ng/ul	98

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

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