Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009823.D
Acq On : 22 Feb 2020 00:29
Operator : CG/JU
Sample : L1535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 22 02:15:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
CB6Q7

Manual Integrations APPROVED
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2/24/2020 4:48:14 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	117167	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	493542	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	311690	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	656081	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	587552	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	646312	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	6308	2.21	ng/uL	-0.01
5) Phenol-d5	6.60	99	116810	11.72	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	88637	12.89	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	93898	12.51	ng/ul	-0.02
13) 4-Methylphenol-d8	8.10	113	85709	10.81	ng/ul	-0.02
19) Nitrobenzene-d5	8.53	128	45265	12.54	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	47954	12.14	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.78	165	91691	12.07	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.30	131	114802	13.46	ng/ul	-0.02
44) Dimethylphthalate-d6	13.46	166	329021	14.13	ng/ul	-0.02
47) Acenaphthylene-d8	13.72	160	377765	13.78	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.29	143	35333m	8.31	ng/ul	0.00
58) Fluorene-d10	15.03	176	285124	14.18	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	35550	8.72	ng/ul	-0.01
71) Anthracene-d10	16.89	188	435297	14.47	ng/ul	-0.02
79) Pyrene-d10	19.19	212	504651	16.43	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	502749	15.58	ng/ul	-0.03
Target Compounds						Qvalue
70) Phenanthrene	16.83	178	109672	2.929	ng/ul	96
77) Fluoranthene	18.86	202	183972	4.195	ng/ul	98
80) Pyrene	19.23	202	168403	3.976	ng/ul#	95
83) Benzo(a)anthracene	20.99	228	93670	2.320	ng/ul	98
85) Chrysene	21.04	228	93453	2.351	ng/ul	99
88) Benzo(b)fluoranthene	22.49	252	108728	2.595	ng/ul#	94
89) Benzo(k)fluoranthene	22.53	252	42531m	1.072	ng/ul	
91) Benzo(a)pyrene	23.02	252	75371	2.000	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.15	276	48364	1.081	ng/ul	96
94) Benzo(g,h,i)perylene	25.76	276	39456m	1.052	ng/ul	

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

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