Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005984.D
Acq On : 31 May 2019 17:44
Operator : JU/SJ
Sample : K2924-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4275

Manual Integrations APPROVED
mohammad
6/5/2019 6:10:59 AM

Quant Time: May 31 18:43:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 15:02:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	410129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	1894505	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	1137468	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.15	188	2514727	20.00	ng/ul	0.01
77) Chrysene-d12	21.36	240	1870634	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1711531	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	47697	5.12	ng/uL	0.00
5) Phenol-d5	6.91	99	1001717	27.56	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	578116	27.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	802933	29.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	710375	24.21	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	418080	34.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	467232	41.26	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	853747	31.93	ng/ul	0.01
29) 4-Chloroaniline-d4	10.67	131	484269	13.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	2674026	31.89	ng/ul	0.01
46) Acenaphthylene-d8	14.09	160	3238198	30.87	ng/ul	0.01
51) 4-Nitrophenol-d4	14.60	143	397525	26.05	ng/ul	0.01
57) Fluorene-d10	15.39	176	2242022	31.88	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	393929	38.43	ng/ul	0.02
70) Anthracene-d10	17.25	188	3233649	30.21	ng/ul	0.02
78) Pyrene-d10	19.56	212	3409328	36.09	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.51	264	2296689	30.07	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.88	77	57855	2.305	ng/ul	95
44) Dimethylphthalate	13.85	163	893827	10.665	ng/ul	100
69) Phenanthrene	17.19	178	441386	3.543	ng/ul	99
76) Fluoranthene	19.22	202	1042404	7.837	ng/ul#	94
79) Pyrene	19.59	202	819514	6.916	ng/ul	97
82) Benzo(a)anthracene	21.35	228	359693	3.059	ng/ul	96
84) Chrysene	21.40	228	407659m	3.717	ng/ul	
87) Benzo(b)fluoranthene	22.96	252	428282	4.455	ng/ul#	85
88) Benzo(k)fluoranthene	23.01	252	188026m	2.127	ng/ul	
90) Benzo(a)pyrene	23.55	252	266165	2.936	ng/ul#	85
91) Indeno(1,2,3-cd)pyrene	25.96	276	187073	1.759	ng/ul	95
93) Benzo(g,h,i)perylene	26.67	276	117779	1.315	ng/ul#	88

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

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