Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005870.D
Acq On : 23 May 2019 02:58
Operator : JU/SJ
Sample : K2927-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42B2

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:20 PM

Quant Time: May 23 07:00:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	75385	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	328016	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	231248	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	603730	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	710351	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	784675	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	3083m	2.29	ng/uL	0.00
5) Phenol-d5	6.77	99	61230	10.51	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	40458	13.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	56198	12.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	51339m	10.30	ng/ul	0.01
19) Nitrobenzene-d5	8.72	128	29628	12.44	ng/ul	0.01
22) 2-Nitrophenol-d4	9.43	143	28512	10.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	61050	11.63	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	53523	9.18	ng/ul	0.02
43) Dimethylphthalate-d6	13.62	166	250661	14.09	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	303055	14.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	9849m	3.93	ng/ul	0.06
57) Fluorene-d10	15.20	176	236092	15.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	12392	3.41	ng/ul	0.02
70) Anthracene-d10	17.06	188	379124	14.54	ng/ul	0.00
78) Pyrene-d10	19.37	212	458611	13.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	492353	13.99	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.67	163	123766	7.055	ng/ul	98
47) Acenaphthylene	13.92	152	22151	1.064	ng/ul	98
69) Phenanthrene	17.00	178	200922	6.714	ng/ul	99
71) Anthracene	17.10	178	46352	1.521	ng/ul	97
76) Fluoranthene	19.03	202	700613	18.936	ng/ul#	88
79) Pyrene	19.40	202	728353	16.697	ng/ul#	86
82) Benzo(a)anthracene	21.17	228	499842	11.169	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.11	149	32778	1.293	ng/ul#	96
84) Chrysene	21.23	228	495706	11.750	ng/ul	97
87) Benzo(b)fluoranthene	22.75	252	608422	14.094	ng/ul#	96
88) Benzo(k)fluoranthene	22.78	252	199078m	4.766	ng/ul	
90) Benzo(a)pyrene	23.30	252	417008m	9.976	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	251595	4.923	ng/ul#	91
92) Dibenzo(a,h)anthracene	25.57	278	73186	1.701	ng/ul#	84
93) Benzo(g,h,i)perylene	26.25	276	161363	3.777	ng/ul#	88

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

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