Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020500.D
Acq On : 22 May 2019 20:22
Operator : JU/SJ
Sample : K2925-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4290

Manual Integrations APPROVED
mohammad
5/23/2019 2:22:21 PM

Quant Time: Jun 05 03:58:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 23 07:52:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	71002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	275348	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	173662	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	421081	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	454058	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	528945	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	5764m	3.00	ng/uL	0.01
5) Phenol-d5	6.86	99	58718	10.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	38947	10.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	46055	11.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	42620	10.33	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	20055	11.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	23074	11.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	48814	11.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	25650	5.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	146408	11.72	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	174951	11.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	11647m	6.42	ng/ul	0.00
57) Fluorene-d10	15.33	176	131046	11.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	12019	5.01	ng/ul	0.00
70) Anthracene-d10	17.19	188	209715	11.61	ng/ul	0.00
78) Pyrene-d10	19.49	212	248363	11.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	265549	11.05	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.80	163	42737	3.458	ng/ul	99
47) Acenaphthylene	14.06	152	140908	9.561	ng/ul	99
53) Dibenzofuran	14.74	168	15842	1.033	ng/ul	100
58) Fluorene	15.39	166	20388	1.659	ng/ul	94
69) Phenanthrene	17.13	178	534360	26.634	ng/ul	99
71) Anthracene	17.23	178	169061	8.284	ng/ul	99
74) Carbazole	17.51	167	20893	1.206	ng/ul#	92
76) Fluoranthene	19.16	202	1443977	56.975	ng/ul	98
79) Pyrene	19.53	202	1286975	47.222	ng/ul	99
82) Benzo(a)anthracene	21.27	228	880827	32.231	ng/ul	96
84) Chrysene	21.33	228	761639	29.163	ng/ul	96
87) Benzo(b)fluoranthene	22.87	252	1171680	38.812	ng/ul	98
88) Benzo(k)fluoranthene	22.90	252	344137m	11.606	ng/ul	
90) Benzo(a)pyrene	23.45	252	798707	28.114	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.83	276	603786	18.652	ng/ul#	96
92) Dibenzo(a,h)anthracene	25.83	278	176989	6.393	ng/ul#	88
93) Benzo(g,h,i)perylene	26.54	276	493799	18.428	ng/ul	95

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

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