Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020471.D
Acq On : 21 May 2019 21:57
Operator : JU/SJ
Sample : K2923-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4255

Manual Integrations APPROVED
mohammad
5/23/2019 8:43:18 AM

Quant Time: May 22 06:22:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	59320	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	216759	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	129925	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	324155	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	370483	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	426094	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	9164	5.70	ng/uL	0.00
5) Phenol-d5	6.89	99	142949	30.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	91949	30.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	113881	32.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	103440	30.02	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	48846	34.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	53992	34.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	106640	32.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	95988	28.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	331119	35.42	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	401388	34.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	31885	23.49	ng/ul	0.00
57) Fluorene-d10	15.37	176	298876	35.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	43912	23.78	ng/ul	0.00
70) Anthracene-d10	17.23	188	491030	35.32	ng/ul	0.00
78) Pyrene-d10	19.53	212	640581	35.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	723192	37.35	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.83	163	115926	12.536	ng/ul	99
69) Phenanthrene	17.17	178	62384	4.039	ng/ul	98
76) Fluoranthene	19.19	202	152015	7.792	ng/ul	99
79) Pyrene	19.56	202	134161	6.033	ng/ul	99
82) Benzo(a)anthracene	21.30	228	71392	3.202	ng/ul	96
84) Chrysene	21.36	228	75253	3.531	ng/ul	97
87) Benzo(b)fluoranthene	22.91	252	108001	4.441	ng/ul	95
88) Benzo(k)fluoranthene	22.95	252	37910m	1.587	ng/ul	
90) Benzo(a)pyrene	23.50	252	72685	3.176	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	54081	2.074	ng/ul#	95
93) Benzo(g,h,i)perylene	26.61	276	41999	1.946	ng/ul	94

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

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