Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020502.D
Acq On : 22 May 2019 21:35
Operator : JU/SJ
Sample : K2927-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4292

Manual Integrations APPROVED
mohammad
5/23/2019 2:22:24 PM

Quant Time: May 23 09:21:48 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	77003	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	294439	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	183257	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	453344	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	473538	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	551701	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	9076	4.35	ng/uL	0.01
5) Phenol-d5	6.85	99	137992	22.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	88739	22.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	104504	23.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	93100	20.81	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	48427	25.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	56948	26.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	111658	24.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	72614	15.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	334712	25.39	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	399121	24.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	32867	17.17	ng/ul	0.00
57) Fluorene-d10	15.33	176	295188	25.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	33345	12.91	ng/ul	0.00
70) Anthracene-d10	17.19	188	463185	23.82	ng/ul	0.00
78) Pyrene-d10	19.49	212	542760	23.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	564552	22.52	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.80	163	81231	6.228	ng/ul	100
47) Acenaphthylene	14.06	152	22176	1.426	ng/ul	95
69) Phenanthrene	17.13	178	134521	6.228	ng/ul	98
71) Anthracene	17.23	178	36072	1.642	ng/ul	98
76) Fluoranthene	19.16	202	389753	14.284	ng/ul	98
79) Pyrene	19.52	202	342612	12.054	ng/ul	99
82) Benzo(a)anthracene	21.27	228	216029	7.580	ng/ul	96
84) Chrysene	21.32	228	215612	7.916	ng/ul	96
87) Benzo(b)fluoranthene	22.86	252	320336	10.174	ng/ul#	93
88) Benzo(k)fluoranthene	22.90	252	97319m	3.147	ng/ul	
90) Benzo(a)pyrene	23.44	252	212771	7.180	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.82	276	158448	4.693	ng/ul	95
92) Dibenzo(a,h)anthracene	25.83	278	44120	1.528	ng/ul#	82
93) Benzo(g,h,i)perylene	26.53	276	109506	3.918	ng/ul	94

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

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