Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020490.D
Acq On : 22 May 2019 09:31
Operator : JU/SJ
Sample : K2923-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A42D7

Manual Integrations APPROVED
mohammad
5/23/2019 8:44:07 AM

Quant Time: May 22 13:18:53 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	7.73	152	65712	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	247702	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	154668	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	383846	20.00	ng/ul	0.05
77) Chrysene-d12	21.72	240	428087m	20.00	ng/ul	0.39
85) Perylene-d12	24.99	264	432985m	20.00	ng/ul	1.39
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	5921	3.33	ng/uL	0.00
5) Phenol-d5	6.90	99	88633	16.91	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	52645	15.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	72114	18.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	65430	17.14	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	29458	18.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	33782	19.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	70850	18.85	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	30531	7.86	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	219002	19.68	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	274439	19.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.86	143	19315m	11.95	ng/ul	0.26
57) Fluorene-d10	15.39	176	204186	20.63	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.63	200	5511m	2.52	ng/ul	0.11
70) Anthracene-d10	17.28	188	329106	19.99	ng/ul	0.05
78) Pyrene-d10	19.69	212	413715m	20.06	ng/ul	0.16
89) Benzo(a)pyrene-d12	24.91	264	531192m	27.00	ng/ul	1.45
Target Compounds						Qvalue
28) Naphthalene	10.57	128	23734	2.085	ng/ul	96
44) Dimethylphthalate	13.84	163	76439	6.944	ng/ul	98
47) Acenaphthylene	14.10	152	29930	2.280	ng/ul	96
49) Acenaphthene	14.44	153	56465	6.257	ng/ul	99
53) Dibenzofuran	14.79	168	39585	2.897	ng/ul	94
58) Fluorene	15.44	166	60780	5.552	ng/ul	98
69) Phenanthrene	17.22	178	956692	52.309	ng/ul	99
71) Anthracene	17.32	178	253616	13.632	ng/ul	96
74) Carbazole	17.65	167	115113	7.290	ng/ul	97
76) Fluoranthene	19.32	202	1401431	60.660	ng/ul	98
79) Pyrene	19.73	202	1211342m	47.144	ng/ul	
82) Benzo(a)anthracene	21.74	228	879980m	34.153	ng/ul	
84) Chrysene	21.77	228	656875m	26.677	ng/ul	
87) Benzo(b)fluoranthene	23.96	252	1356291m	54.885	ng/ul	
88) Benzo(k)fluoranthene	24.80	252	1331447m	54.854	ng/ul	
90) Benzo(a)pyrene	24.80	252	1293328m	55.613	ng/ul	

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

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