Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025659.D
Acq On : 20 Mar 2020 13:18
Operator : CG/JU
Sample : L1972-08 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AH6

Quant Time: Mar 20 14:36:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 20 11:44:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	216252	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	878719	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	533483	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1109979	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1242231	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1405553	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	1916	0.37	ng/uL	0.01
5) Phenol-d5	6.76	99	41206	2.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	25073	2.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	34647	2.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	32079	2.29	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	15666	2.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	14245	2.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	33714	2.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	39257	2.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	109347	2.70	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	124387	2.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	11150	1.44	ng/ul	0.00
58) Fluorene-d10	15.21	176	101126	2.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	6575	0.97	ng/ul	0.00
71) Anthracene-d10	17.06	188	154998	2.99	ng/ul	0.00
79) Pyrene-d10	19.36	212	172245	2.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	213755	2.97	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	13.93	152	165230	3.141	ng/ul	99
50) Acenaphthene	14.28	153	380745	10.646	ng/ul	99
54) Dibenzofuran	14.62	168	230572	4.545	ng/ul	95
59) Fluorene	15.27	166	435430	10.203	ng/ul	99
70) Phenanthrene	17.01	178	7847268	120.108	ng/ul	99
72) Anthracene	17.10	178	1804011	27.093	ng/ul	100
75) Carbazole	17.36	167	303253	5.211	ng/ul	98
77) Fluoranthene	19.03	202	12876684	167.202	ng/ul	96
80) Pyrene	19.40	202	10581608	126.833	ng/ul	98
83) Benzo(a)anthracene	21.14	228	5576447	68.089	ng/ul	97
85) Chrysene	21.20	228	4566851	56.834	ng/ul	97
88) Benzo(b)fluoranthene	22.69	252	6851141	78.121	ng/ul	98
89) Benzo(k)fluoranthene	22.72	252	2260067	26.160	ng/ul	98
91) Benzo(a)pyrene	23.23	252	4847547	60.739	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.45	276	3520480	33.402	ng/ul	97
93) Dibenzo(a,h)anthracene	25.45	278	862467	9.663	ng/ul#	86
94) Benzo(g,h,i)perylene	26.10	276	2438611	28.073	ng/ul	98

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

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