Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024821.D
Acq On : 10 Feb 2020 22:53
Operator : CG/JU
Sample : L1402-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 11 04:41:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB6M2

Manual Integrations APPROVED
mohammad
2/12/2020 9:50:36 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	295490	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.16	136	1190911	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	780266	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1670014	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1598312	20.00	ng/ul	-0.01
86) Perylene-d12	23.12	264	1656301	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	23691	3.86	ng/uL	0.00
5) Phenol-d5	6.60	99	455050	23.18	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	276877	24.97	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.94	132	421018	23.94	ng/ul	-0.01
13) 4-Methylphenol-d8	8.12	113	371770	22.44	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	209428	24.32	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	243966	23.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	456427	22.24	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	535282	27.88	ng/ul	-0.01
44) Dimethylphthalate-d6	13.48	166	1507840	25.60	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1730513	25.16	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	201911	21.10	ng/ul	0.00
58) Fluorene-d10	15.06	176	1299084	24.91	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	221175	20.32	ng/ul	0.00
71) Anthracene-d10	16.91	188	1909276	25.04	ng/ul	0.00
79) Pyrene-d10	19.22	212	2223475	27.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2299394	27.64	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.20	128	65014	1.068	ng/ul	96
50) Acenaphthene	14.12	153	86229	1.792	ng/ul	92
54) Dibenzofuran	14.46	168	139877	1.950	ng/ul	98
59) Fluorene	15.12	166	160377	2.713	ng/ul	99
70) Phenanthrene	16.85	178	1855878	20.381	ng/ul	100
72) Anthracene	16.94	178	376102	4.073	ng/ul	98
75) Carbazole	17.22	167	98567	1.281	ng/ul	98
77) Fluoranthene	18.88	202	2236974	20.012	ng/ul	99
80) Pyrene	19.24	202	1833223	17.328	ng/ul	99
83) Benzo(a)anthracene	21.00	228	1112611	10.334	ng/ul	99
85) Chrysene	21.06	228	962415	9.080	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	1120272	10.637	ng/ul	99
89) Benzo(k)fluoranthene	22.54	252	400260m	3.948	ng/ul	
91) Benzo(a)pyrene	23.03	252	748729	7.929	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	442695	3.766	ng/ul	97
93) Dibenzo(a,h)anthracene	25.17	278	142522	1.423	ng/ul#	91
94) Benzo(g,h,i)perylene	25.79	276	365616	3.740	ng/ul	99

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

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