Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024914.D
Acq On : 17 Feb 2020 19:53
Operator : CG/JU
Sample : L1323-02DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 18 01:43:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 15 06:02:17 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : GAT42DL

Manual Integrations APPROVED
mohammad
2/18/2020 3:17:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	291650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1008116	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	600463	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1297631	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1463807	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1580349	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	4523	0.75	ng/uL	0.00
5) Phenol-d5	6.59	99	52564	2.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	38287	3.50	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	48585	2.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	15947	0.98	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	21717	2.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	21587	2.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	36755	2.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	7631m	0.47	ng/ul	0.02
44) Dimethylphthalate-d6	13.46	166	159677	3.52	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	188060	3.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	11604m	1.58	ng/ul	0.02
58) Fluorene-d10	15.04	176	147445	3.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	14859	1.76	ng/ul	0.00
71) Anthracene-d10	16.89	188	215750	3.64	ng/ul	0.00
79) Pyrene-d10	19.20	212	271922	3.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	294827m	3.71	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	13.75	152	375851	6.855	ng/ul	98
70) Phenanthrene	16.83	178	127514	1.802	ng/ul	98
72) Anthracene	16.93	178	180087	2.510	ng/ul	99
77) Fluoranthene	18.86	202	1634777m	18.822	ng/ul	
80) Pyrene	19.23	202	3307597m	34.136	ng/ul	
83) Benzo(a)anthracene	20.99	228	1495501m	15.167	ng/ul	
85) Chrysene	21.04	228	1298736	13.379	ng/ul	99
88) Benzo(b)fluoranthene	22.50	252	950570	9.459	ng/ul#	98
89) Benzo(k)fluoranthene	22.53	252	300989m	3.112	ng/ul	
91) Benzo(a)pyrene	23.02	252	918508	10.195	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.14	276	400311	3.569	ng/ul	99
93) Dibenzo(a,h)anthracene	25.16	278	137228	1.436	ng/ul	93
94) Benzo(g,h,i)perylene	25.76	276	347854	3.729	ng/ul	95

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

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