Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024758.D
Acq On : 07 Feb 2020 12:31
Operator : CG/JU
Sample : L1399-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6F5

Manual Integrations APPROVED
mohammad
2/10/2020 8:22:32 AM

Quant Time: Feb 07 16:12:23 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	308153	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1198096	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	788367	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1653950	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1450339	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1623464	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	25266	3.94	ng/uL	0.00
5) Phenol-d5	6.60	99	443401	21.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	284341	24.59	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	422603	23.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	389888	22.57	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	214476	24.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	255294	24.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	448583	21.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	528641	27.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1476847	24.82	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1615157	23.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	195946	20.26	ng/ul	0.00
58) Fluorene-d10	15.06	176	1221408	23.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	220361	20.44	ng/ul	0.00
71) Anthracene-d10	16.92	188	1758234	23.29	ng/ul	0.00
79) Pyrene-d10	19.22	212	1880172	25.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	1842164	22.59	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	73215	1.196	ng/ul	99
45) Dimethylphthalate	13.53	163	71731	1.155	ng/ul	98
50) Acenaphthene	14.13	153	54869	1.129	ng/ul	96
59) Fluorene	15.12	166	63257	1.059	ng/ul#	93
70) Phenanthrene	16.86	178	1157902	12.840	ng/ul	99
72) Anthracene	16.95	178	242310	2.649	ng/ul	99
75) Carbazole	17.22	167	91983	1.207	ng/ul	98
77) Fluoranthene	18.89	202	2063629	18.641	ng/ul	100
80) Pyrene	19.25	202	1745391	18.181	ng/ul	99
83) Benzo(a)anthracene	21.02	228	1032938	10.573	ng/ul	97
85) Chrysene	21.07	228	1016644	10.570	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	1316259	12.750	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	513671m	5.170	ng/ul	
91) Benzo(a)pyrene	23.04	252	840726	9.084	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	648261	5.626	ng/ul	98
93) Dibenzo(a,h)anthracene	25.20	278	190997	1.946	ng/ul#	95
94) Benzo(g,h,i)perylene	25.81	276	522288	5.450	ng/ul	99

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

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