Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024798.D
Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6J3

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:50 AM

Quant Time: Feb 10 01:27:27 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	331516	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1266168	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	821477	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1762512	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1641742	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1739616	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	23025	3.34	ng/uL	0.00
5) Phenol-d5	6.60	99	431412	19.59	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	271741	21.85	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.95	132	394363	19.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	355927	19.15	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	195972	21.40	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	233009	21.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	428902	19.65	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	496449	24.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1512495	24.39	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1544117	21.32	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	194174	19.27	ng/ul	0.00
58) Fluorene-d10	15.06	176	1205168	21.95	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	211546	18.41	ng/ul	0.00
71) Anthracene-d10	16.91	188	1738709	21.61	ng/ul	0.00
79) Pyrene-d10	19.22	212	1826633	22.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1805941	20.67	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.21	128	122747	1.897	ng/ul	96
50) Acenaphthene	14.12	153	94273	1.861	ng/ul	97
54) Dibenzofuran	14.46	168	94307	1.249	ng/ul	97
59) Fluorene	15.12	166	114849	1.845	ng/ul	94
70) Phenanthrene	16.85	178	1605204	16.703	ng/ul	99
72) Anthracene	16.94	178	387399	3.975	ng/ul	99
75) Carbazole	17.22	167	136724	1.684	ng/ul	97
77) Fluoranthene	18.88	202	2429663	20.595	ng/ul	99
80) Pyrene	19.24	202	1912393	17.598	ng/ul	99
83) Benzo(a)anthracene	21.01	228	1067813	9.656	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.98	149	95932	1.491	ng/ul	98
85) Chrysene	21.06	228	960136	8.819	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	1326683	11.993	ng/ul#	99
89) Benzo(k)fluoranthene	22.54	252	367837m	3.455	ng/ul	
91) Benzo(a)pyrene	23.03	252	818069	8.249	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.17	276	574726	4.655	ng/ul	99
93) Dibenzo(a,h)anthracene	25.18	278	161232	1.533	ng/ul#	95
94) Benzo(g,h,i)perylene	25.80	276	458740	4.467	ng/ul	100

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

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