Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024746.D
Acq On : 07 Feb 2020 02:15
Operator : CG/JU
Sample : L1398-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6E6

Manual Integrations APPROVED
mohammad
2/10/2020 8:22:11 AM

Quant Time: Feb 07 04:10:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 16:50:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	290267	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1171963	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	780916	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1645447	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1474544	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1574628	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	15746	2.61	ng/uL	0.00
5) Phenol-d5	6.60	99	282872	14.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	170119	15.62	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	259943	15.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	234690	14.42	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	127797	15.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	150465	15.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	277372	13.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	338490	17.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	902978	15.32	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1056918	15.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	105571	11.02	ng/ul	0.00
58) Fluorene-d10	15.06	176	785907	15.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	123619	11.53	ng/ul	0.00
71) Anthracene-d10	16.92	188	1179837	15.71	ng/ul	0.00
79) Pyrene-d10	19.22	212	1336974	18.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1313130	16.60	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.86	178	450001	5.016	ng/ul	99
72) Anthracene	16.94	178	94231	1.036	ng/ul	98
77) Fluoranthene	18.89	202	688978	6.256	ng/ul	100
80) Pyrene	19.25	202	571078	5.851	ng/ul	100
83) Benzo(a)anthracene	21.01	228	339577	3.419	ng/ul	100
85) Chrysene	21.06	228	307142	3.141	ng/ul	99
88) Benzo(b)fluoranthene	22.52	252	419960	4.194	ng/ul#	96
89) Benzo(k)fluoranthene	22.55	252	148448m	1.540	ng/ul	
91) Benzo(a)pyrene	23.04	252	271806	3.028	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.18	276	200713	1.796	ng/ul	95
94) Benzo(g,h,i)perylene	25.80	276	180506	1.942	ng/ul	99

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

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