Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024793.D
Acq On : 08 Feb 2020 11:27
Operator : CG/JU
Sample : L1400-12
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6H8

Manual Integrations APPROVED
mohammad
2/11/2020 8:22:37 AM

Quant Time: Feb 10 01:07:17 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	321016	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1259951	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	829978	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1772044	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1773313	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1829506	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	26627	3.99	ng/uL	0.00
5) Phenol-d5	6.60	99	437124	20.50	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	282542	23.46	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	406743	21.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	379462	21.09	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	213388	23.42	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	251510	23.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	444148	20.45	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	546283	26.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1518996	24.25	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1604932	21.94	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	195151	19.17	ng/ul	0.00
58) Fluorene-d10	15.06	176	1256090	22.64	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	221578	19.18	ng/ul	0.00
71) Anthracene-d10	16.91	188	1788486	22.11	ng/ul	0.00
79) Pyrene-d10	19.22	212	1918064	21.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1922983	20.93	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.85	178	752218	7.785	ng/ul	99
72) Anthracene	16.94	178	116858	1.193	ng/ul	99
77) Fluoranthene	18.88	202	1195721	10.081	ng/ul	100
80) Pyrene	19.24	202	1023553	8.720	ng/ul	99
83) Benzo(a)anthracene	21.01	228	563393	4.717	ng/ul	96
85) Chrysene	21.06	228	607073	5.162	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	803996	6.911	ng/ul	97
89) Benzo(k)fluoranthene	22.54	252	229657m	2.051	ng/ul	
91) Benzo(a)pyrene	23.03	252	430994	4.132	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.17	276	348528	2.684	ng/ul	98
94) Benzo(g,h,i)perylene	25.80	276	256401	2.374	ng/ul	97

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

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