Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024910.D
Acq On : 17 Feb 2020 17:29
Operator : CG/JU
Sample : L1486-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCT8

Manual Integrations APPROVED
mohammad
2/18/2020 3:17:36 PM

Quant Time: Feb 18 08:06:01 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	292622	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1047850	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.04	164	692047	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1441768	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1482005	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	1537255	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	38771	6.37	ng/uL	0.00
5) Phenol-d5	6.59	99	148415	7.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	411746	37.50	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	474759	27.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	271600	16.56	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	284885	37.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	329174	36.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	570245	31.57	ng/ul	0.01
29) 4-Chloroaniline-d4	10.32	131	81836	4.84	ng/ul	0.03
44) Dimethylphthalate-d6	13.47	166	1829337	35.02	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	2191540	35.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	55524	6.54	ng/ul	0.01
58) Fluorene-d10	15.04	176	1663337	35.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	287183	30.56	ng/ul	0.00
71) Anthracene-d10	16.90	188	2566035	38.99	ng/ul	0.00
79) Pyrene-d10	19.20	212	2874518	38.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	3160183	40.93	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.20	128	54014130m	1008.878	ng/ul	
34) 2-Methylnaphthalene	11.83	142	18354256	465.398	ng/ul	87
41) 1,1'-Biphenyl	12.87	154	6711457	131.369	ng/ul#	97
45) Dimethylphthalate	13.52	163	114446	2.100	ng/ul	99
48) Acenaphthylene	13.76	152	145201	2.298	ng/ul#	66
50) Acenaphthene	14.12	153	15273100	357.891	ng/ul	96
54) Dibenzofuran	14.45	168	16657485	261.854	ng/ul#	85
59) Fluorene	15.11	166	8959617	170.895	ng/ul	98
70) Phenanthrene	16.84	178	11625740	147.888	ng/ul	98
75) Carbazole	17.22	167	14133524	212.791	ng/ul#	90
77) Fluoranthene	18.86	202	253823	2.630	ng/ul#	96
80) Pyrene	19.23	202	101413	1.034	ng/ul#	91

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

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