Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026963.D
Acq On : 31 Jul 2020 18:04
Operator : JU/CG
Sample : L3424-12 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S87

Manual Integrations APPROVED
mohammad
8/3/2020 12:23:42 PM

Quant Time: Jul 31 18:54:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 12:26:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	103554	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	400541	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	247510	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	516713	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	508650	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	504857	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	1745	0.77	ng/uL	0.00
5) Phenol-d5	6.84	99	41755	4.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	28501	4.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	30832	4.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	33281	4.77	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	15082	4.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	15007	5.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	32039	4.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	27985	3.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	95381	4.91	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	116784	4.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	11608	3.54	ng/ul	0.00
58) Fluorene-d10	15.29	176	81094	4.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	7508	3.26	ng/ul	0.00
71) Anthracene-d10	17.13	188	125822	4.87	ng/ul	0.00
79) Pyrene-d10	19.43	212	130220	4.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	131380	4.61	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.48	128	44665	1.996	ng/ul	96
48) Acenaphthylene	14.01	152	183064	7.295	ng/ul	99
54) Dibenzofuran	14.69	168	34665	1.447	ng/ul	97
70) Phenanthrene	17.08	178	146713	4.678	ng/ul	99
72) Anthracene	17.17	178	329839	10.231	ng/ul	99
75) Carbazole	17.43	167	85408	2.997	ng/ul	98
77) Fluoranthene	19.10	202	1167374	31.522	ng/ul	99
80) Pyrene	19.46	202	1536156	41.510	ng/ul	97
83) Benzo(a)anthracene	21.21	228	778820	22.214	ng/ul	94
85) Chrysene	21.26	228	1421774	41.585	ng/ul	99
88) Benzo(b)fluoranthene	22.78	252	2760496	76.435	ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	801792m	23.136	ng/ul	
91) Benzo(a)pyrene	23.34	252	907574	27.849	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.65	276	1258406	31.126	ng/ul	94
93) Dibenzo(a,h)anthracene	25.65	278	301526	8.818	ng/ul#	85
94) Benzo(g,h,i)perylene	26.32	276	341881	10.227	ng/ul	97

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

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