Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026985.D
Acq On : 03 Aug 2020 19:13
Operator : JU/CG
Sample : L3424-04DL 25X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S79DL

Manual Integrations APPROVED
mohammad
8/5/2020 10:26:19 AM

Quant Time: Aug 04 04:25:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	101075	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	400369	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	245609	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	492089	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	468729	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	467981	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.84	99	6831	0.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	4557	0.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	4899	0.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	5621	0.82	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	2583	0.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	2706	0.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	5421	0.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	3114	0.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	16812	0.87	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	20996	0.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	1453	0.45	ng/ul	0.00
58) Fluorene-d10	15.29	176	14718	0.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	987	0.45	ng/ul	0.00
71) Anthracene-d10	17.13	188	25235	1.03	ng/ul	0.00
79) Pyrene-d10	19.43	212	24338	0.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	23354	0.88	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.48	128	31341	1.401	ng/ul	95
48) Acenaphthylene	14.01	152	69399	2.787	ng/ul	98
70) Phenanthrene	17.07	178	50721	1.698	ng/ul	98
72) Anthracene	17.17	178	284881	9.279	ng/ul	99
77) Fluoranthene	19.09	202	297663	8.440	ng/ul	100
80) Pyrene	19.46	202	341592	10.017	ng/ul	96
83) Benzo(a)anthracene	21.21	228	248140m	7.681	ng/ul	
85) Chrysene	21.26	228	466071	14.793	ng/ul	99
88) Benzo(b)fluoranthene	22.78	252	939319	28.058	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	224454m	6.987	ng/ul	
91) Benzo(a)pyrene	23.33	252	254719	8.432	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.64	276	363558m	9.701	ng/ul	
93) Dibenzo(a,h)anthracene	25.64	278	91125	2.875	ng/ul#	91
94) Benzo(g,h,i)perylene	26.31	276	163897	5.289	ng/ul	99

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

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