Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024839.D
Acq On : 11 Feb 2020 18:02
Operator : CG/JU
Sample : L1405-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6P1

Manual Integrations APPROVED
mohammad
2/12/2020 3:52:29 PM

Quant Time: Feb 12 04:51:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 04:40:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	247493	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	936711	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	606904	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1290538	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1348459	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	1453132	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	29496	5.73	ng/uL	0.00
5) Phenol-d5	6.60	99	487667	29.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	297957	32.09	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	454299	30.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	412453	29.73	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	224569	33.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	260870	32.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	473186	29.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	568518	37.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1498749	32.72	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1743122	32.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	186115	25.00	ng/ul	0.00
58) Fluorene-d10	15.06	176	1284540	31.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	206928	24.60	ng/ul	0.00
71) Anthracene-d10	16.90	188	1910609	32.43	ng/ul	0.00
79) Pyrene-d10	19.22	212	2194897	32.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2520614	34.54	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.53	163	92829	1.942	ng/ul	99
70) Phenanthrene	16.85	178	777727	11.053	ng/ul	98
72) Anthracene	16.94	178	130276	1.826	ng/ul	99
77) Fluoranthene	18.88	202	1652191	19.127	ng/ul	99
80) Pyrene	19.24	202	1505102	16.862	ng/ul	98
83) Benzo(a)anthracene	21.00	228	905450	9.968	ng/ul	99
85) Chrysene	21.06	228	946329	10.582	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	1394603	15.093	ng/ul#	98
89) Benzo(k)fluoranthene	22.54	252	499016m	5.611	ng/ul	
91) Benzo(a)pyrene	23.03	252	867493	10.472	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.17	276	700794	6.795	ng/ul	98
93) Dibenzo(a,h)anthracene	25.18	278	184344m	2.098	ng/ul	
94) Benzo(g,h,i)perylene	25.79	276	643074	7.497	ng/ul	98

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

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