Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120419\
Data File : BM024000.D
Acq On : 04 Dec 2019 14:13
Operator : JU
Sample : K4649-01DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167DL

Manual Integrations APPROVED
mohammad
12/5/2019 10:49:54 AM

Quant Time: Dec 04 15:18:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 04 13:35:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	351084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1471848	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	920363	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	1895600	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1833778	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	2264735	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	522	0.07	ng/uL	0.00
5) Phenol-d5	6.68	99	38749	1.26	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.84	67	25755	1.44	ng/ul	0.01
9) 2-Chlorophenol-d4	7.02	132	32059	1.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	28992	1.19	ng/ul	0.01
19) Nitrobenzene-d5	8.65	128	13819	1.21	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	13953	1.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	28201	1.15	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	18141	0.67	ng/ul	0.02
44) Dimethylphthalate-d6	13.56	166	104676	1.46	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	116935	1.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	6260m	0.52	ng/ul	0.03
58) Fluorene-d10	15.14	176	95484	1.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	3954	0.33	ng/ul	0.00
71) Anthracene-d10	16.99	188	148421	1.64	ng/ul	0.00
79) Pyrene-d10	19.30	212	160435	1.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	184644	1.54	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.30	128	305611	3.939	ng/ul	99
34) 2-Methylnaphthalene	11.93	142	78400	1.391	ng/ul	98
35) 1-Methylnaphthalene	12.15	142	56876	1.028	ng/ul	98
50) Acenaphthene	14.20	153	630865	10.478	ng/ul	99
54) Dibenzofuran	14.55	168	396110	4.650	ng/ul	96
59) Fluorene	15.20	166	600288	8.737	ng/ul	98
70) Phenanthrene	16.94	178	10900734	101.794	ng/ul	98
72) Anthracene	17.03	178	2667525	24.535	ng/ul	99
75) Carbazole	17.30	167	1206998	12.821	ng/ul	99
77) Fluoranthene	18.97	202	13606497	118.481	ng/ul#	93
80) Pyrene	19.33	202	12762607	103.295	ng/ul	99
83) Benzo(a)anthracene	21.10	228	6708582	54.732	ng/ul	98
85) Chrysene	21.14	228	5982960	51.979	ng/ul	96
88) Benzo(b)fluoranthene	22.63	252	7983493	57.002	ng/ul	98
89) Benzo(k)fluoranthene	22.66	252	2713371m	20.408	ng/ul	
91) Benzo(a)pyrene	23.17	252	6051577	45.698	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.38	276	3828693	23.284	ng/ul	97
93) Dibenzo(a,h)anthracene	25.38	278	1028958m	7.450	ng/ul	
94) Benzo(g,h,i)perylene	26.03	276	2978601	21.629	ng/ul	100

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

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