Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2J25

Quant Time: Oct 24 11:05:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	433585	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1706592	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.28	164	1046168	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2177831	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	2324763	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	2724032	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	40732	4.46	ng/uL	0.00
5) Phenol-d5	6.81	99	884386	24.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	508722	23.83	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.17	132	711530	24.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	648486	21.92	ng/ul	-0.01
19) Nitrobenzene-d5	8.78	128	344497	26.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	351731	24.68	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.04	165	777193	27.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	890259	27.64	ng/ul	-0.01
44) Dimethylphthalate-d6	13.70	166	2200772	27.70	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2515491	27.64	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.48	143	336719	24.47	ng/ul	-0.01
58) Fluorene-d10	15.27	176	1920783	28.55	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	219478	16.19	ng/ul	-0.01
71) Anthracene-d10	17.12	188	2910877	28.28	ng/ul	-0.01
79) Pyrene-d10	19.42	212	3523770	27.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	4162292	29.99	ng/ul	-0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.77	77	1586660	75.679	ng/ul	99
10) 2-Chlorophenol	7.20	128	1592031	53.380	ng/ul	99
14) Acetophenone	8.45	105	2007472	43.445	ng/ul	98
16) 4-Methylphenol	8.40	108	696070	22.145	ng/ul	88
17) Hexachloroethane	8.70	117	518504	41.772	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	1694019	61.308	ng/ul	99
28) Naphthalene	10.46	128	4889727	55.902	ng/ul	100
32) Caprolactam	11.34	113	86282	10.172	ng/ul	93
34) 2-Methylnaphthalene	12.09	142	3543021	53.026	ng/ul	99
42) 2-Chloronaphthalene	13.15	162	3854812	62.356	ng/ul	99
50) Acenaphthene	14.35	153	2182830	32.892	ng/ul	100
59) Fluorene	15.33	166	2748444	35.469	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.42	198	755868	50.769	ng/ul	97
68) Atrazine	16.51	200	1341082	53.415	ng/ul	98
70) Phenanthrene	17.07	178	5288663	43.454	ng/ul	100
75) Carbazole	17.43	167	7477941	71.934	ng/ul	99
80) Pyrene	19.45	202	8147569	49.631	ng/ul	99
81) Butylbenzylphthalate	20.37	149	3089767	45.972	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	4104604	43.562	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.63	276	11124609	64.867	ng/ul	99
93) Dibenzo(a,h)anthracene	25.63	278	7372923	50.986	ng/ul	99
94) Benzo(g,h,i)perylene	26.29	276	6976722	50.001	ng/ul	99

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

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