Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000855.D
Acq On : 17 Oct 2019 23:27
Operator : JU
Sample : K5357-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11933MSD

Manual Integrations APPROVED
mohammad
10/20/2019 8:16:25 PM

Quant Time: Oct 18 07:11:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	197524	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	694700	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	376202	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	681401	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	529603	20.00	ng		0.00
87) Perylene-d12	15.45	264	619833	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1280425	104.20	ng		-0.01
7) Phenol-d6	6.40	99	1597268	107.87	ng		-0.01
23) Nitrobenzene-d5	7.32	82	913109	80.28	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	505416	126.07	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	1902745	81.83	ng		-0.02
79) Terphenyl-d14	12.90	244	2126784	81.31	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	189713	38.662	ng		99
3) Pyridine	3.22	79	486868	36.314	ng		100
4) n-Nitrosodimethylamine	3.16	42	167421	44.377	ng		99
6) Aniline	6.41	93	646548	35.940	ng	#	12
8) 2-Chlorophenol	6.54	128	595933	49.139	ng		98
9) Benzaldehyde	6.30	77	295230	38.277	ng		96
10) Phenol	6.41	94	713059	47.032	ng		86
11) bis(2-Chloroethyl)ether	6.49	93	542008	46.467	ng		97
12) 1,3-Dichlorobenzene	6.69	146	662957	45.097	ng		98
13) 1,4-Dichlorobenzene	6.77	146	685956	46.371	ng		98
14) 1,2-Dichlorobenzene	6.92	146	627677	45.958	ng		100
15) Benzyl Alcohol	6.90	79	444047	46.434	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.03	45	457775	42.547	ng		88
17) 2-Methylphenol	7.02	107	490254	48.915	ng		97
18) Hexachloroethane	7.26	117	234229	44.490	ng		93
19) n-Nitroso-di-n-propylamine	7.17	70	310564	45.501	ng		97
20) 3+4-Methylphenols	7.17	107	577749	49.264	ng	#	69
22) Acetophenone	7.16	105	785072	48.908	ng	#	97
24) Nitrobenzene	7.33	77	537849	49.028	ng		98
25) Isophorone	7.57	82	1011584	50.110	ng		99
26) 2-Nitrophenol	7.65	139	323288	56.038	ng		97
27) 2,4-Dimethylphenol	7.69	122	510382	57.714	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	670219	48.853	ng		99
29) 2,4-Dichlorophenol	7.90	162	532247	53.230	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	593398	50.531	ng		100
31) Naphthalene	8.06	128	1671631	51.522	ng		99
32) Benzoic acid	7.83	122	249949	44.762	ng		99
33) 4-Chloroaniline	8.10	127	406232	28.516	ng		100
34) Hexachlorobutadiene	8.17	225	354583	49.964	ng		99
35) Caprolactam	8.47	113	172169m	51.408	ng		
36) 4-Chloro-3-methylphenol	8.60	107	518701	52.965	ng		99
37) 2-Methylnaphthalene	8.75	142	1150388	52.817	ng		100
38) 1-Methylnaphthalene	8.85	142	1077517	52.358	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	605483	50.849	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	368196	77.502 ng	99
43) 2,4,6-Trichlorophenol	9.04	196	368070	50.215 ng	100
44) 2,4,5-Trichlorophenol	9.08	196	401923	53.108 ng	98
46) 1,1'-Biphenyl	9.22	154	1425120	50.186 ng	98
47) 2-Chloronaphthalene	9.25	162	1115777	50.814 ng	100
48) 2-Nitroaniline	9.34	65	259667	48.846 ng	95
49) Acenaphthylene	9.66	152	1721821	51.975 ng	99
50) Dimethylphthalate	9.52	163	1628926	62.315 ng	99
51) 2,6-Dinitrotoluene	9.59	165	304725	53.456 ng	96
52) Acenaphthene	9.83	154	996809	49.603 ng	99
53) 3-Nitroaniline	9.75	138	209468	32.069 ng	98
54) 2,4-Dinitrophenol	9.87	184	196911	103.519 ng	99
55) Dibenzofuran	10.01	168	1541022	51.299 ng	98
56) 4-Nitrophenol	9.93	139	366753	87.948 ng	99
57) 2,4-Dinitrotoluene	10.00	165	390816	51.707 ng	96
58) Fluorene	10.35	166	1173984	54.834 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	329947	51.574 ng	96
60) Diethylphthalate	10.23	149	1257778	50.688 ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	627359	54.492 ng	98
62) 4-Nitroaniline	10.37	138	312043	49.673 ng	97
63) Azobenzene	10.50	77	999493	52.463 ng	97
65) 4,6-Dinitro-2-methylphenol	10.42	198	173376	57.398 ng	85
66) n-Nitrosodiphenylamine	10.47	169	1087717	54.808 ng	98
67) 4-Bromophenyl-phenylether	10.84	248	408291	53.230 ng	96
68) Hexachlorobenzene	10.91	284	445797	51.145 ng	96
69) Atrazine	11.00	200	350113	53.758 ng	99
70) Pentachlorophenol	11.11	266	337074	96.282 ng	96
71) Phenanthrene	11.32	178	1816527	53.081 ng	99
72) Anthracene	11.37	178	1831173	53.966 ng	99
73) Carbazole	11.53	167	1662171	52.844 ng	98
74) Di-n-butylphthalate	11.87	149	1983465	51.765 ng	100
75) Fluoranthene	12.53	202	2018083	52.507 ng	99
77) Benzidine	12.65	184	1014613	66.159 ng	98
78) Pyrene	12.76	202	2029596	55.565 ng	99
80) Butylbenzylphthalate	13.39	149	860583	54.068 ng	97
81) Benzo(a)anthracene	13.97	228	1699253	52.587 ng	97
82) 3,3'-Dichlorobenzidine	13.93	252	619039	48.230 ng	97
83) Chrysene	14.00	228	1679381	52.952 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1099118	54.906 ng	98
85) Di-n-octyl phthalate	14.58	149	2021564	55.715 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	2144411	54.129 ng	98
88) Benzo(b)fluoranthene	15.03	252	1818109	51.703 ng	98
89) Benzo(k)fluoranthene	15.06	252	1767187	52.786 ng	99
90) Benzo(a)pyrene	15.40	252	1794878	54.755 ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1737884	54.663 ng	97
92) Benzo(g,h,i)perylene	17.39	276	1821325	56.378 ng	98

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

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