Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
Data File : BP000611.D
Acq On : 10 Oct 2019 13:15
Operator : JU
Sample : K5285-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-DMSD

Manual Integrations APPROVED
mohammad
10/14/2019 8:40:15 AM

Quant Time: Oct 11 04:24:11 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	295023	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	1081732	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	605985	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	1080678	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	824761	20.00	ng		0.00
87) Perylene-d12	15.45	264	916056	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	2106365	114.77	ng		0.00
7) Phenol-d6	6.40	99	2746028	124.16	ng		-0.01
23) Nitrobenzene-d5	7.32	82	1535120	86.67	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	805366	124.72	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	2976480	79.47	ng		-0.01
79) Terphenyl-d14	12.90	244	3351152	82.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	259446	35.399	ng		98
3) Pyridine	3.24	79	647127	32.316	ng		98
4) n-Nitrosodimethylamine	3.18	42	231115	41.015	ng		98
6) Aniline	6.42	93	593518	22.089	ng	#	19
8) 2-Chlorophenol	6.55	128	770041	42.512	ng		96
9) Benzaldehyde	6.30	77	419419	36.407	ng		99
10) Phenol	6.41	94	1021207	45.097	ng		96
11) bis(2-Chloroethyl)ether	6.49	93	725992	41.671	ng		98
12) 1,3-Dichlorobenzene	6.69	146	856016	38.986	ng		98
13) 1,4-Dichlorobenzene	6.77	146	863151	39.066	ng		100
14) 1,2-Dichlorobenzene	6.93	146	801300	39.281	ng		99
15) Benzyl Alcohol	6.90	79	603363	42.242	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	665202	41.394	ng		100
17) 2-Methylphenol	7.02	107	636565	42.523	ng		98
18) Hexachloroethane	7.27	117	304138	38.677	ng		97
19) n-Nitroso-di-n-propylamine	7.17	70	433248	42.498	ng		98
20) 3+4-Methylphenols	7.17	107	781875	44.637	ng	#	77
22) Acetophenone	7.16	105	1041140	41.654	ng		98
24) Nitrobenzene	7.33	77	730565	42.768	ng		97
25) Isophorone	7.57	82	1378222	43.845	ng		98
26) 2-Nitrophenol	7.65	139	418213	46.555	ng		99
27) 2,4-Dimethylphenol	7.70	122	687740	49.944	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	915241	42.844	ng		99
29) 2,4-Dichlorophenol	7.90	162	699224	44.909	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	754210	41.246	ng		100
31) Naphthalene	8.06	128	2191486	43.378	ng		99
32) Benzoic acid	7.82	122	392408	45.131	ng		98
33) 4-Chloroaniline	8.10	127	209505	9.445	ng		99
34) Hexachlorobutadiene	8.18	225	439055	39.731	ng		98
35) Caprolactam	8.47	113	224778m	43.103	ng		
36) 4-Chloro-3-methylphenol	8.60	107	695863	45.632	ng		97
37) 2-Methylnaphthalene	8.75	142	1510872	44.549	ng		99
38) 1-Methylnaphthalene	8.85	142	1416639	44.207	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	768592	40.072	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	644850	83.629	ng		99
43) 2,4,6-Trichlorophenol	9.03	196	493295	41.780	ng		98
44) 2,4,5-Trichlorophenol	9.08	196	529493	43.435	ng		98
46) 1,1'-Biphenyl	9.22	154	1854392	40.541	ng		97
47) 2-Chloronaphthalene	9.25	162	1451527	41.038	ng		98
48) 2-Nitroaniline	9.34	65	348811	40.734	ng		94
49) Acenaphthylene	9.66	152	2292480	42.960	ng		99
50) Dimethylphthalate	9.53	163	2171807	51.579	ng		100
51) 2,6-Dinitrotoluene	9.59	165	398231	43.370	ng		99
52) Acenaphthene	9.83	154	1339891	41.393	ng		98
53) 3-Nitroaniline	9.75	138	178044	16.922	ng		91
54) 2,4-Dinitrophenol	9.87	184	321169	104.820	ng	#	90
55) Dibenzofuran	10.01	168	2047441	42.313	ng		100
56) 4-Nitrophenol	9.93	139	580764	86.459	ng		99
57) 2,4-Dinitrotoluene	9.99	165	521705	42.851	ng		96
58) Fluorene	10.36	166	1554977	45.089	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	434614	42.175	ng		99
60) Diethylphthalate	10.23	149	1679226	42.011	ng		98
61) 4-Chlorophenyl-phenylether	10.35	204	820602	44.250	ng		98
62) 4-Nitroaniline	10.37	138	400298	39.559	ng		97
63) Azobenzene	10.51	77	1423365	46.382	ng		95
65) 4,6-Dinitro-2-methylphenol	10.41	198	243259	50.779	ng		88
66) n-Nitrosodiphenylamine	10.47	169	1451222	46.107	ng		97
67) 4-Bromophenyl-phenylether	10.84	248	525630	43.209	ng		95
68) Hexachlorobenzene	10.91	284	555157	40.159	ng		92
69) Atrazine	11.00	200	453635	43.919	ng		98
70) Pentachlorophenol	11.11	266	528105	95.115	ng		97
71) Phenanthrene	11.32	178	2359562	43.475	ng		98
72) Anthracene	11.37	178	2431559	45.184	ng		99
73) Carbazole	11.53	167	2177140	43.643	ng		98
74) Di-n-butylphthalate	11.87	149	2586775	42.567	ng		99
75) Fluoranthene	12.53	202	2601490	42.678	ng		100
77) Benzidine	12.65	184	1118817	46.846	ng		99
78) Pyrene	12.76	202	2638846	46.390	ng		99
80) Butylbenzylphthalate	13.39	149	1109439	44.758	ng		97
81) Benzo(a)anthracene	13.96	228	2151409	42.753	ng		97
82) 3,3'-Dichlorobenzidine	13.92	252	525453	26.288	ng		98
83) Chrysene	14.00	228	2138039	43.288	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1364983	43.785	ng		99
85) Di-n-octyl phthalate	14.58	149	2535003	44.863	ng		100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2529143	40.993	ng		99
88) Benzo(b)fluoranthene	15.02	252	2285212	43.972	ng		98
89) Benzo(k)fluoranthene	15.05	252	2206784	44.601	ng		98
90) Benzo(a)pyrene	15.39	252	2224370	45.914	ng		98
91) Dibenzo(a,h)anthracene	16.93	278	2062126	43.888	ng		99
92) Benzo(g,h,i)perylene	17.36	276	2109962	44.192	ng		100

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

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