Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
Data File : BP000610.D
Acq On : 10 Oct 2019 12:51
Operator : JU
Sample : K5285-07MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1-DMS

Manual Integrations APPROVED
mohammad
10/14/2019 8:40:13 AM

Quant Time: Oct 11 04:22:32 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	288628	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	1064420	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	587719	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	1049469	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	838818	20.00	ng		0.00
87) Perylene-d12	15.45	264	939560	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1847073	102.87	ng		-0.01
7) Phenol-d6	6.40	99	2379156	109.96	ng		-0.01
23) Nitrobenzene-d5	7.32	82	1288236	73.92	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	663104	105.88	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	2630564	72.42	ng		-0.01
79) Terphenyl-d14	12.90	244	2950600	71.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	249595	34.810	ng		98
3) Pyridine	3.23	79	636523	32.491	ng		97
4) n-Nitrosodimethylamine	3.17	42	217138	39.388	ng		97
6) Aniline	6.42	93	698133	26.558	ng	#	71
8) 2-Chlorophenol	6.54	128	734858	41.468	ng		98
9) Benzaldehyde	6.30	77	395597	35.100	ng		99
10) Phenol	6.41	94	970625	43.813	ng		96
11) bis(2-Chloroethyl)ether	6.49	93	686716	40.290	ng		98
12) 1,3-Dichlorobenzene	6.69	146	813743	37.882	ng		98
13) 1,4-Dichlorobenzene	6.77	146	825085	38.171	ng		99
14) 1,2-Dichlorobenzene	6.92	146	761932	38.179	ng		98
15) Benzyl Alcohol	6.90	79	571953	40.931	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	623016	39.627	ng		99
17) 2-Methylphenol	7.02	107	598145	40.842	ng		98
18) Hexachloroethane	7.27	117	286270	37.211	ng		95
19) n-Nitroso-di-n-propylamine	7.17	70	408342	40.943	ng		98
20) 3+4-Methylphenols	7.17	107	735739	42.933	ng	#	76
22) Acetophenone	7.16	105	978284	39.776	ng	#	98
24) Nitrobenzene	7.33	77	692652	41.208	ng		97
25) Isophorone	7.58	82	1291893	41.767	ng		98
26) 2-Nitrophenol	7.65	139	385390	43.599	ng		99
27) 2,4-Dimethylphenol	7.70	122	655348	48.366	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	851930	40.529	ng		100
29) 2,4-Dichlorophenol	7.90	162	651615	42.532	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	709985	39.459	ng		99
31) Naphthalene	8.06	128	2064590	41.531	ng		99
32) Benzoic acid	7.82	122	356156	41.628	ng		98
33) 4-Chloroaniline	8.10	127	259700	11.898	ng		99
34) Hexachlorobutadiene	8.18	225	411714	37.863	ng		99
35) Caprolactam	8.47	113	208752m	40.681	ng		
36) 4-Chloro-3-methylphenol	8.60	107	644536	42.954	ng		99
37) 2-Methylnaphthalene	8.75	142	1436322	43.040	ng		100
38) 1-Methylnaphthalene	8.85	142	1337487	42.416	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	713500	38.356	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	591721	79.517 ng	100
43) 2,4,6-Trichlorophenol	9.03	196	462777	40.413 ng	98
44) 2,4,5-Trichlorophenol	9.07	196	492178	41.629 ng	97
46) 1,1'-Biphenyl	9.22	154	1770945	39.920 ng	98
47) 2-Chloronaphthalene	9.25	162	1380390	40.240 ng	99
48) 2-Nitroaniline	9.34	65	325879	39.239 ng	92
49) Acenaphthylene	9.66	152	2144539	41.437 ng	99
50) Dimethylphthalate	9.52	163	1933460	47.345 ng	99
51) 2,6-Dinitrotoluene	9.58	165	371046	41.665 ng	91
52) Acenaphthene	9.83	154	1256498	40.023 ng	99
53) 3-Nitroaniline	9.75	138	198303	19.433 ng	89
54) 2,4-Dinitrophenol	9.86	184	275301	92.642 ng	99
55) Dibenzofuran	10.01	168	1944390	41.432 ng	99
56) 4-Nitrophenol	9.93	139	533938	81.958 ng	97
57) 2,4-Dinitrotoluene	9.99	165	485276	41.098 ng	100
58) Fluorene	10.35	166	1469421	43.933 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	409054	40.928 ng	99
60) Diethylphthalate	10.23	149	1553156	40.065 ng	98
61) 4-Chlorophenyl-phenylether	10.35	204	762745	42.408 ng	98
62) 4-Nitroaniline	10.37	138	387976	39.533 ng	95
63) Azobenzene	10.50	77	1328645	44.641 ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	214135	46.029 ng	97
66) n-Nitrosodiphenylamine	10.46	169	1355169	44.336 ng	97
67) 4-Bromophenyl-phenylether	10.84	248	487522	41.268 ng	96
68) Hexachlorobenzene	10.91	284	517144	38.522 ng	93
69) Atrazine	11.00	200	419021	41.774 ng	99
70) Pentachlorophenol	11.11	266	486203	90.172 ng	98
71) Phenanthrene	11.32	178	2207891	41.890 ng	98
72) Anthracene	11.37	178	2276790	43.566 ng	99
73) Carbazole	11.53	167	2070473	42.739 ng	99
74) Di-n-butylphthalate	11.87	149	2428354	41.148 ng	99
75) Fluoranthene	12.52	202	2464117	41.626 ng	98
77) Benzidine	12.65	184	1183340	48.717 ng	99
78) Pyrene	12.76	202	2490108	43.042 ng	99
80) Butylbenzylphthalate	13.39	149	1043763	41.403 ng	99
81) Benzo(a)anthracene	13.96	228	2101511	41.061 ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	512361	25.203 ng	98
83) Chrysene	14.00	228	2103762	41.880 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1299146	40.975 ng	98
85) Di-n-octyl phthalate	14.58	149	2423443	42.170 ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2476502	39.468 ng	99
88) Benzo(b)fluoranthene	15.02	252	2216612	41.585 ng	98
89) Benzo(k)fluoranthene	15.05	252	2152530	42.416 ng	98
90) Benzo(a)pyrene	15.39	252	2153954	43.349 ng	97
91) Dibenzo(a,h)anthracene	16.93	278	2018785	41.890 ng	100
92) Benzo(g,h,i)perylene	17.36	276	2063612	42.140 ng	98

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

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