Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
Data File : BP000607.D
Acq On : 10 Oct 2019 11:39
Operator : JU
Sample : PB123785BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123785BS

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

Quant Time: Oct 11 02:38:40 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	248973	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	978960	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	545724	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	1004610	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	794443	20.00	ng		-0.01
87) Perylene-d12	15.44	264	781468	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1692387	109.27	ng		-0.01
7) Phenol-d6	6.40	99	2079510	111.41	ng		-0.01
23) Nitrobenzene-d5	7.32	82	985295	61.47	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	622421	107.03	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	2203340	65.33	ng		-0.02
79) Terphenyl-d14	12.90	244	2547362	64.92	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	232318	37.561	ng		98
3) Pyridine	3.24	79	574736	34.010	ng		98
4) n-Nitrosodimethylamine	3.18	42	193723	40.737	ng		99
6) Aniline	6.42	93	765570	33.762	ng	#	91
8) 2-Chlorophenol	6.54	128	668940	43.761	ng		99
9) Benzaldehyde	6.30	77	416322	42.822	ng		99
10) Phenol	6.41	94	826255	43.237	ng		90
11) bis(2-Chloroethyl)ether	6.49	93	636307	43.279	ng		99
12) 1,3-Dichlorobenzene	6.69	146	727142	39.242	ng		97
13) 1,4-Dichlorobenzene	6.77	146	735403	39.441	ng		99
14) 1,2-Dichlorobenzene	6.92	146	697976	40.545	ng		98
15) Benzyl Alcohol	6.90	79	511474	42.432	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.03	45	561880	41.431	ng		100
17) 2-Methylphenol	7.02	107	545474	43.178	ng		98
18) Hexachloroethane	7.26	117	260027	39.184	ng		95
19) n-Nitroso-di-n-propylamine	7.16	70	375990	43.703	ng		99
20) 3+4-Methylphenols	7.17	107	678544	45.902	ng	#	70
22) Acetophenone	7.16	105	889494	39.323	ng		98
24) Nitrobenzene	7.33	77	627148	40.568	ng		99
25) Isophorone	7.57	82	1184175	41.626	ng		99
26) 2-Nitrophenol	7.65	139	349364	42.974	ng		99
27) 2,4-Dimethylphenol	7.69	122	590821	47.410	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	776755	40.179	ng		100
29) 2,4-Dichlorophenol	7.90	162	592375	42.041	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	651177	39.350	ng		99
31) Naphthalene	8.06	128	1902651	41.615	ng		99
32) Benzoic acid	7.82	122	326468	41.489	ng		99
33) 4-Chloroaniline	8.10	127	516599	25.734	ng		99
34) Hexachlorobutadiene	8.18	225	372986	37.296	ng		98
35) Caprolactam	8.46	113	186661m	39.551	ng		
36) 4-Chloro-3-methylphenol	8.60	107	583183	42.258	ng		96
37) 2-Methylnaphthalene	8.75	142	1337405	43.574	ng		100
38) 1-Methylnaphthalene	8.85	142	1260002	43.447	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	654941	37.917	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	487482	71.373	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	422057	39.694	ng	98
44) 2,4,5-Trichlorophenol	9.07	196	455421	41.484	ng	98
46) 1,1'-Biphenyl	9.22	154	1633512	39.656	ng	100
47) 2-Chloronaphthalene	9.25	162	1264856	39.710	ng	99
48) 2-Nitroaniline	9.34	65	298993	38.772	ng	88
49) Acenaphthylene	9.66	152	1974196	41.081	ng	100
50) Dimethylphthalate	9.52	163	1481893	39.080	ng	99
51) 2,6-Dinitrotoluene	9.58	165	339746	41.086	ng	94
52) Acenaphthene	9.83	154	1143509	39.227	ng	99
53) 3-Nitroaniline	9.75	138	241680	25.507	ng	90
54) 2,4-Dinitrophenol	9.86	184	276383	100.164	ng	96
55) Dibenzofuran	10.01	168	1801740	41.347	ng	97
56) 4-Nitrophenol	9.93	139	495455	81.903	ng	93
57) 2,4-Dinitrotoluene	9.99	165	445587	40.640	ng	98
58) Fluorene	10.35	166	1369442	44.094	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	390351	42.062	ng	99
60) Diethylphthalate	10.23	149	1423551	39.548	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	717668	42.972	ng	99
62) 4-Nitroaniline	10.37	138	342831	37.621	ng	99
63) Azobenzene	10.50	77	1232163	44.585	ng	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	204652	45.954	ng	100
66) n-Nitrosodiphenylamine	10.46	169	1244517	42.534	ng	97
67) 4-Bromophenyl-phenylether	10.84	248	449134	39.716	ng	97
68) Hexachlorobenzene	10.91	284	484625	37.711	ng	96
69) Atrazine	11.00	200	437315	45.545	ng	99
70) Pentachlorophenol	11.10	266	446308	86.469	ng	96
71) Phenanthrene	11.32	178	2069222	41.012	ng	98
72) Anthracene	11.37	178	2102260	42.023	ng	100
73) Carbazole	11.53	167	1896999	40.907	ng	98
74) Di-n-butylphthalate	11.87	149	2267727	40.143	ng	99
75) Fluoranthene	12.52	202	2254416	39.785	ng	98
77) Benzidine	12.65	184	969474	42.142	ng	99
78) Pyrene	12.76	202	2283341	41.673	ng	99
80) Butylbenzylphthalate	13.39	149	945681	39.608	ng	98
81) Benzo(a)anthracene	13.96	228	1962500	40.487	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	666653	34.625	ng	98
83) Chrysene	14.00	228	1899222	39.920	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1224576	40.780	ng	98
85) Di-n-octyl phthalate	14.58	149	2182614	40.101	ng	100
86) Indeno(1,2,3-cd)pyrene	16.91	276	2192580	36.894	ng	99
88) Benzo(b)fluoranthene	15.02	252	2059784	46.460	ng	99
89) Benzo(k)fluoranthene	15.05	252	1870799	44.323	ng	98
90) Benzo(a)pyrene	15.38	252	1799015	43.530	ng	97
91) Dibenzo(a,h)anthracene	16.93	278	1801584	44.946	ng	99
92) Benzo(g,h,i)perylene	17.35	276	1824422	44.793	ng	99

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

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