Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003491.D
Acq On : 10 Nov 2018 02:23
Operator : MJ/SJ
Sample : PB114671BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB114671BSD

Manual Integrations APPROVED
Sohil
11/12/2018 5:07:58 PM

Quant Time: Nov 12 04:29:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 07 08:25:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	95213	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	413145	20.00	ng		0.00
39) Acenaphthene-d10	14.49	164	230753	20.00	ng		0.00
64) Phenanthrene-d10	17.23	188	439820	20.00	ng		0.00
76) Chrysene-d12	21.40	240	331989	20.00	ng		0.00
87) Perylene-d12	23.72	264	370646	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	603324	110.37	ng		0.00
7) Phenol-d6	7.01	99	779615	100.30	ng		0.00
23) Nitrobenzene-d5	9.02	82	651165	90.39	ng		0.00
42) 2,4,6-Tribromophenol	15.97	330	330941	106.51	ng		0.00
45) 2-Fluorobiphenyl	13.10	172	1782342	104.77	ng		0.00
79) Terphenyl-d14	19.84	244	1578356	101.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	74206	28.590	ng		92
3) Pyridine	3.73	79	217638	36.694	ng		91
4) n-Nitrosodimethylamine	3.65	42	88563	40.557	ng	#	87
6) Aniline	7.18	93	221353	22.804	ng		96
8) 2-Chlorophenol	7.41	128	318025	47.233	ng		95
9) Benzaldehyde	6.99	77	148294	32.849	ng		98
10) Phenol	7.03	94	371549	45.295	ng		96
11) bis(2-Chloroethyl)ether	7.28	93	262175	39.131	ng		93
12) 1,3-Dichlorobenzene	7.73	146	313562	41.887	ng		97
13) 1,4-Dichlorobenzene	7.89	146	319875	41.498	ng		97
14) 1,2-Dichlorobenzene	8.20	146	309865	41.420	ng		100
15) Benzyl Alcohol	8.09	79	241580	43.128	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.37	45	339469	34.558	ng		96
17) 2-Methylphenol	8.28	107	261387	46.626	ng		98
18) Hexachloroethane	8.92	117	108778	40.283	ng		94
19) n-Nitroso-di-n-propylamine	8.66	70	202685	36.160	ng		95
20) 3+4-Methylphenols	8.61	107	351577	44.149	ng		98
22) Acetophenone	8.67	105	422377	42.177	ng		97
24) Nitrobenzene	9.06	77	298130	40.555	ng		94
25) Isophorone	9.57	82	567878	44.939	ng		96
26) 2-Nitrophenol	9.76	139	168506	43.550	ng		94
27) 2,4-Dimethylphenol	9.81	122	296174	54.441	ng		97
28) bis(2-Chloroethoxy)methane	10.06	93	373151	43.832	ng		98
29) 2,4-Dichlorophenol	10.29	162	307439	49.521	ng		97
30) 1,2,4-Trichlorobenzene	10.50	180	308747	43.746	ng		99
31) Naphthalene	10.70	128	934129	46.269	ng		100
32) Benzoic acid	9.95	122	188993	41.379	ng		93
33) 4-Chloroaniline	10.81	127	55887	6.265	ng		96
34) Hexachlorobutadiene	10.96	225	185009	43.928	ng		98
35) Caprolactam	11.60	113	89702m	36.901	ng		
36) 4-Chloro-3-methylphenol	11.92	107	303333	43.808	ng		95
37) 2-Methylnaphthalene	12.30	142	695852	48.230	ng		100
38) 1-Methylnaphthalene	12.53	142	655267	46.501	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	365345	47.860	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	497221	142.379 ng		98
43) 2,4,6-Trichlorophenol	12.91	196	245334	50.867 ng		98
44) 2,4,5-Trichlorophenol	12.98	196	260594	51.800 ng		98
46) 1,1'-Biphenyl	13.32	154	880235	43.463 ng		99
47) 2-Chloronaphthalene	13.36	162	676978	45.317 ng		98
48) 2-Nitroaniline	13.57	65	165290	37.657 ng		89
49) Acenaphthylene	14.21	152	1089393	47.643 ng		100
50) Dimethylphthalate	13.95	163	839954	45.019 ng		100
51) 2,6-Dinitrotoluene	14.07	165	184848	43.651 ng		93
52) Acenaphthene	14.55	154	624266	45.059 ng		98
53) 3-Nitroaniline	14.40	138	67429	14.895 ng		92
54) 2,4-Dinitrophenol	14.60	184	181275	74.854 ng		91
55) Dibenzofuran	14.89	168	995901	44.184 ng		99
56) 4-Nitrophenol	14.70	139	390699	117.047 ng		91
57) 2,4-Dinitrotoluene	14.86	165	243132	42.344 ng	#	76
58) Fluorene	15.53	166	781103	44.909 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	228430	51.709 ng		97
60) Diethylphthalate	15.30	149	804896	42.512 ng		99
61) 4-Chlorophenyl-phenylether	15.53	204	418385	43.296 ng		97
62) 4-Nitroaniline	15.57	138	165128	37.338 ng		95
63) Azobenzene	15.82	77	684051	39.093 ng		96
65) 4,6-Dinitro-2-methylphenol	15.61	198	125052	40.749 ng		94
66) n-Nitrosodiphenylamine	15.75	169	680031	49.390 ng		99
67) 4-Bromophenyl-phenylether	16.42	248	266235	53.748 ng		97
68) Hexachlorobenzene	16.53	284	294205	52.136 ng		95
69) Atrazine	16.69	200	237831	48.740 ng		98
70) Pentachlorophenol	16.87	266	322748	110.513 ng		99
71) Phenanthrene	17.27	178	1104841	47.782 ng		98
72) Anthracene	17.36	178	1121855	48.622 ng		99
73) Carbazole	17.63	167	926134	38.760 ng		99
74) Di-n-butylphthalate	18.18	149	1232128	44.206 ng		100
75) Fluoranthene	19.28	202	1064548	39.079 ng		99
77) Benzidine	19.47	184	332994	34.262 ng		99
78) Pyrene	19.64	202	1039704	53.285 ng		99
80) Butylbenzylphthalate	20.53	149	423327	46.724 ng		97
81) Benzo(a)anthracene	21.39	228	924719	47.830 ng		99
82) 3,3'-Dichlorobenzidine	21.32	252	194407	24.299 ng		100
83) Chrysene	21.44	228	863166	46.443 ng		99
84) Bis(2-ethylhexyl)phthalate	21.30	149	594112	44.218 ng	#	99
85) Di-n-octyl phthalate	22.20	149	894069	38.778 ng		98
86) Indeno(1,2,3-cd)pyrene	26.09	276	1263478	59.318 ng		98
88) Benzo(b)fluoranthene	23.02	252	984777	48.255 ng		99
89) Benzo(k)fluoranthene	23.07	252	994662	49.695 ng		99
90) Benzo(a)pyrene	23.62	252	982965	50.539 ng		98
91) Dibenzo(a,h)anthracene	26.09	278	1064101	55.275 ng		99
92) Benzo(g,h,i)perylene	26.81	276	1056683	57.176 ng		98

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

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