Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003472.D
Acq On : 09 Nov 2018 15:15
Operator : MJ/SJ
Sample : PB114663BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB114663BS

Manual Integrations APPROVED
Sohil
11/12/2018 5:07:46 PM

Quant Time: Nov 12 03:36:15 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	121516	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	537809	20.00	ng		0.00
39) Acenaphthene-d10	14.49	164	310880	20.00	ng		0.00
64) Phenanthrene-d10	17.23	188	649366	20.00	ng		0.00
76) Chrysene-d12	21.41	240	562999	20.00	ng		0.00
87) Perylene-d12	23.72	264	558728	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1176173	168.59	ng		0.01
7) Phenol-d6	7.02	99	1548997	156.14	ng		0.00
23) Nitrobenzene-d5	9.02	82	693809	73.98	ng		0.00
42) 2,4,6-Tribromophenol	15.98	330	728748	174.09	ng		0.00
45) 2-Fluorobiphenyl	13.11	172	1854254	80.90	ng		0.00
79) Terphenyl-d14	19.85	244	2301854	87.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	104267	31.476	ng		92
3) Pyridine	3.73	79	296696	39.196	ng		92
4) n-Nitrosodimethylamine	3.65	42	113700	40.797	ng	#	90
6) Aniline	7.18	93	465754	37.597	ng		97
8) 2-Chlorophenol	7.42	128	389359	45.311	ng		94
9) Benzaldehyde	7.00	77	217020	37.667	ng		97
10) Phenol	7.05	94	459488	43.891	ng		95
11) bis(2-Chloroethyl)ether	7.28	93	326167	38.145	ng		94
12) 1,3-Dichlorobenzene	7.74	146	388960	40.712	ng		96
13) 1,4-Dichlorobenzene	7.89	146	396182	40.272	ng		98
14) 1,2-Dichlorobenzene	8.20	146	381711	39.980	ng		99
15) Benzyl Alcohol	8.09	79	301987	42.243	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.38	45	416323	33.208	ng		97
17) 2-Methylphenol	8.29	107	321948	44.998	ng		97
18) Hexachloroethane	8.92	117	134532	39.036	ng		95
19) n-Nitroso-di-n-propylamine	8.66	70	247197	34.555	ng		95
20) 3+4-Methylphenols	8.62	107	433802	42.683	ng		98
22) Acetophenone	8.68	105	520941	39.961	ng	#	96
24) Nitrobenzene	9.06	77	367123	38.364	ng		94
25) Isophorone	9.58	82	698195	42.444	ng		96
26) 2-Nitrophenol	9.77	139	208026	41.302	ng		93
27) 2,4-Dimethylphenol	9.82	122	367809	51.937	ng		99
28) bis(2-Chloroethoxy)methane	10.06	93	456737	41.214	ng		99
29) 2,4-Dichlorophenol	10.29	162	379388	46.945	ng		99
30) 1,2,4-Trichlorobenzene	10.50	180	384182	41.816	ng		98
31) Naphthalene	10.70	128	1148119	43.686	ng		99
32) Benzoic acid	9.96	122	238851	40.319	ng		93
33) 4-Chloroaniline	10.81	127	252639	21.755	ng		96
34) Hexachlorobutadiene	10.96	225	225042	41.047	ng		98
35) Caprolactam	11.61	113	115573m	36.523	ng		
36) 4-Chloro-3-methylphenol	11.93	107	378604	42.004	ng		93
37) 2-Methylnaphthalene	12.31	142	859711	45.775	ng		100
38) 1-Methylnaphthalene	12.53	142	814712	44.414	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	449881	43.744	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	562873	121.062	ng		100
43) 2,4,6-Trichlorophenol	12.92	196	306166	47.119	ng		100
44) 2,4,5-Trichlorophenol	12.98	196	328400	48.453	ng		99
46) 1,1'-Biphenyl	13.32	154	1092545	40.042	ng		99
47) 2-Chloronaphthalene	13.36	162	848452	42.157	ng		99
48) 2-Nitroaniline	13.57	65	215542	36.449	ng		89
49) Acenaphthylene	14.21	152	1372699	44.560	ng		99
50) Dimethylphthalate	13.95	163	1044276	41.544	ng		100
51) 2,6-Dinitrotoluene	14.07	165	235209	41.227	ng		92
52) Acenaphthene	14.55	154	783720	41.988	ng		98
53) 3-Nitroaniline	14.40	138	167108	27.400	ng		94
54) 2,4-Dinitrophenol	14.61	184	229794	70.814	ng	#	88
55) Dibenzofuran	14.89	168	1259975	41.492	ng		99
56) 4-Nitrophenol	14.71	139	527595	117.307	ng		91
57) 2,4-Dinitrotoluene	14.86	165	317678	41.067	ng	#	78
58) Fluorene	15.53	166	992330	42.348	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	295969	49.729	ng		97
60) Diethylphthalate	15.30	149	1016153	39.837	ng		99
61) 4-Chlorophenyl-phenylether	15.53	204	524561	40.293	ng		99
62) 4-Nitroaniline	15.57	138	238391	40.010	ng		97
63) Azobenzene	15.82	77	869959	36.903	ng		94
65) 4,6-Dinitro-2-methylphenol	15.62	198	164562	36.319	ng		94
66) n-Nitrosodiphenylamine	15.75	169	872653	42.928	ng		99
67) 4-Bromophenyl-phenylether	16.42	248	341856	46.744	ng		95
68) Hexachlorobenzene	16.53	284	386143	46.347	ng		95
69) Atrazine	16.69	200	312265	43.344	ng		98
70) Pentachlorophenol	16.87	266	444479	103.522	ng		99
71) Phenanthrene	17.27	178	1483013	43.441	ng		98
72) Anthracene	17.36	178	1517657	44.551	ng		98
73) Carbazole	17.64	167	1319336	37.398	ng		99
74) Di-n-butylphthalate	18.18	149	1612786	39.191	ng		99
75) Fluoranthene	19.29	202	1599096	39.759	ng		99
77) Benzidine	19.47	184	865341	52.502	ng		99
78) Pyrene	19.65	202	1577799	47.683	ng		99
80) Butylbenzylphthalate	20.54	149	661543	43.057	ng		93
81) Benzo(a)anthracene	21.39	228	1427573	43.541	ng		97
82) 3,3'-Dichlorobenzidine	21.33	252	394123	29.048	ng		99
83) Chrysene	21.44	228	1312516	41.644	ng		98
84) Bis(2-ethylhexyl)phthalate	21.30	149	942661	41.371	ng		97
85) Di-n-octyl phthalate	22.20	149	1503968	38.465	ng		97
86) Indeno(1,2,3-cd)pyrene	26.09	276	1651395	45.718	ng		99
88) Benzo(b)fluoranthene	23.02	252	1395130	45.350	ng		99
89) Benzo(k)fluoranthene	23.07	252	1337437	44.327	ng		99
90) Benzo(a)pyrene	23.62	252	1344700	45.864	ng		99
91) Dibenzo(a,h)anthracene	26.10	278	1377689	47.474	ng		99
92) Benzo(g,h,i)perylene	26.82	276	1364430	48.975	ng		98

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

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