Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072618\
Data File : BN002178.D
Acq On : 26 Jul 2018 19:05
Operator : JU/SJ
Sample : PB111425BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB111425BSD

Quant Time: Jul 27 01:22:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 26 18:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	254882	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	948438	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	461367	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	855561	20.00	ng		0.00
75) Chrysene-d12	21.27	240	645206	20.00	ng		0.00
86) Perylene-d12	23.49	264	591819	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	2255651	142.48	ng		0.00
7) Phenol-d6	6.88	99	2926364	131.72	ng		0.00
23) Nitrobenzene-d5	8.85	82	1795422	97.08	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	783185	130.73	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3622719	102.27	ng		0.00
78) Terphenyl-d14	19.70	244	3509829	113.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	217476	36.590	ng	#	79
3) Pyridine	3.66	79	639438	37.141	ng	#	71
4) n-Nitrosodimethylamine	3.59	42	331030	44.824	ng	#	71
6) Aniline	7.03	93	859126	31.656	ng		98
8) 2-Chlorophenol	7.26	128	802895	43.729	ng		96
9) Benzaldehyde	6.85	77	507665	37.102	ng		92
10) Phenol	6.91	94	993385	43.620	ng		96
11) bis(2-Chloroethyl)ether	7.13	93	750468	40.487	ng		97
12) 1,3-Dichlorobenzene	7.58	146	852214	40.728	ng		99
13) 1,4-Dichlorobenzene	7.73	146	870251	40.654	ng		96
14) 1,2-Dichlorobenzene	8.04	146	827573	40.075	ng		98
15) Benzyl Alcohol	7.93	79	672463	40.111	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	1221058	40.794	ng		93
17) 2-Methylphenol	8.14	107	652725	41.983	ng		95
18) Hexachloroethane	8.76	117	320175	40.868	ng		92
19) n-Nitroso-di-n-propylamine	8.50	70	597242	37.061	ng	#	96
20) 3+4-Methylphenols	8.46	107	880954	40.611	ng		95
22) Acetophenone	8.51	105	1162639	47.279	ng		96
24) Nitrobenzene	8.89	77	890334	46.452	ng		95
25) Isophorone	9.40	82	1560343	49.137	ng		96
26) 2-Nitrophenol	9.59	139	418224	45.171	ng		97
27) 2,4-Dimethylphenol	9.66	122	685777	53.258	ng		96
28) bis(2-Chloroethoxy)methane	9.89	93	962143	46.906	ng		97
29) 2,4-Dichlorophenol	10.12	162	705851	47.009	ng		94
30) 1,2,4-Trichlorobenzene	10.33	180	769885	45.274	ng		98
31) Naphthalene	10.52	128	2320265	48.474	ng		98
32) Benzoic acid	9.81	122	399844	36.599	ng		91
33) 4-Chloroaniline	10.63	127	216742	10.177	ng		99
34) Hexachlorobutadiene	10.80	225	464986	44.652	ng		97
35) Caprolactam	11.40	113	192830	37.630	ng	#	66
36) 4-Chloro-3-methylphenol	11.76	107	716019	41.937	ng		93
37) 2-Methylnaphthalene	12.13	142	1634201	48.408	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	797609	51.415	ng	#	97
40) Hexachlorocyclopentadiene	12.48	237	1129191	128.879	ng		91

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072618\
Data File : BN002178.D
Acq On : 26 Jul 2018 19:05
Operator : JU/SJ
Sample : PB111425BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB111425BSD

Quant Time: Jul 27 01:22:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 26 18:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	505114	48.529	ng		99
43) 2,4,5-Trichlorophenol	12.82	196	532094	48.260	ng		96
45) 1,1'-Biphenyl	13.15	154	2002347	49.320	ng		98
46) 2-Chloronaphthalene	13.19	162	1531412	48.869	ng		98
47) 2-Nitroaniline	13.40	65	462469	45.864	ng		92
48) Acenaphthylene	14.04	152	2433060	51.164	ng		98
49) Dimethylphthalate	13.79	163	1756903	45.843	ng		99
50) 2,6-Dinitrotoluene	13.90	165	388341	45.610	ng		93
51) Acenaphthene	14.39	154	1392261	48.605	ng		100
52) 3-Nitroaniline	14.23	138	149726	16.230	ng	#	85
53) 2,4-Dinitrophenol	14.45	184	373374	82.819	ng		98
54) Dibenzofuran	14.72	168	2134545	45.962	ng		96
55) 4-Nitrophenol	14.56	139	582939	82.307	ng		91
56) 2,4-Dinitrotoluene	14.70	165	513019	44.396	ng		87
57) Fluorene	15.37	166	1680192	47.999	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.96	232	430866	45.439	ng		93
59) Diethylphthalate	15.16	149	1700045	43.583	ng		98
60) 4-Chlorophenyl-phenylether	15.37	204	839780	43.356	ng		94
61) 4-Nitroaniline	15.40	138	361474	38.438	ng		92
62) Azobenzene	15.66	77	1709640	45.677	ng		98
64) 4,6-Dinitro-2-methylphenol	15.46	198	255862	44.296	ng		97
65) n-Nitrosodiphenylamine	15.59	169	1400871	49.344	ng		97
66) 4-Bromophenyl-phenylether	16.26	248	491483	49.071	ng	#	90
67) Hexachlorobenzene	16.38	284	528972	47.748	ng		98
68) Atrazine	16.55	200	454611	47.562	ng		97
69) Pentachlorophenol	16.73	266	544674	76.381	ng		99
70) Phenanthrene	17.11	178	2367335	50.692	ng		99
71) Anthracene	17.20	178	2404823	52.027	ng		97
72) Carbazole	17.47	167	2048801	44.174	ng		97
73) Di-n-butylphthalate	18.05	149	2509418	46.384	ng		99
74) Fluoranthene	19.13	202	2372286	46.787	ng		98
76) Benzidine	19.32	184	785812	37.342	ng		98
77) Pyrene	19.50	202	2357954	52.994	ng		99
79) Butylbenzylphthalate	20.41	149	978835	50.537	ng		91
80) Benzo(a)anthracene	21.25	228	2010498	51.125	ng		98
81) 3,3'-Dichlorobenzidine	21.19	252	413749	27.006	ng	#	99
82) Chrysene	21.30	228	1869759	49.937	ng		97
83) Bis(2-ethylhexyl)phthalate	21.19	149	1368071	50.652	ng		96
84) Di-n-octyl phthalate	22.07	149	2187887	51.089	ng		97
85) Indeno(1,2,3-cd)pyrene	25.72	276	2175596	59.597	ng	#	95
87) Benzo(b)fluoranthene	22.83	252	1858333	53.205	ng		98
88) Benzo(k)fluoranthene	22.87	252	1747537	50.803	ng		99
89) Benzo(a)pyrene	23.40	252	1758882	53.921	ng		97
90) Dibenzo(a,h)anthracene	25.73	278	1825467	59.606	ng	#	96
91) Benzo(g,h,i)perylene	26.40	276	1869633	63.170	ng	#	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072618\
Data File : BN002178.D
Acq On : 26 Jul 2018 19:05
Operator : JU/SJ
Sample : PB111425BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB111425BSD

Quant Time: Jul 27 01:22:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 26 18:27:25 2018
Response via : Initial Calibration