Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036036.D
Acq On : 1 Aug 2018 16:35
Operator : JU/SJ
Sample : PB111659BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111659BS

Manual Integrations APPROVED
Sohil
8/2/2018 10:18:45 AM

Quant Time: Aug 01 18:56:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28410	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	108440	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	82971	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	222365	20.00	ng		0.00
75) Chrysene-d12	21.65	240	253534	20.00	ng		0.00
86) Perylene-d12	24.85	264	242985	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	230529	134.72	ng		0.00
7) Phenol-d6	7.19	99	344314	134.86	ng		0.00
23) Nitrobenzene-d5	9.18	82	220287	84.86	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	159575	145.92	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	526944	85.09	ng		0.00
78) Terphenyl-d14	20.00	244	1021272	88.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	31861	36.582	ng	#	72
3) Pyridine	3.91	79	85183	37.465	ng	#	75
4) n-Nitrosodimethylamine	3.83	42	33079	33.883	ng	#	78
6) Aniline	7.35	93	103875	31.390	ng		95
8) 2-Chlorophenol	7.59	128	78519	45.116	ng		97
9) Benzaldehyde	7.17	77	45029	28.744	ng		92
10) Phenol	7.22	94	114371	44.340	ng		95
11) bis(2-Chloroethyl)ether	7.44	93	77481	38.356	ng		86
12) 1,3-Dichlorobenzene	7.91	146	89906m	42.778	ng		
13) 1,4-Dichlorobenzene	8.05	146	90641	42.447	ng		96
14) 1,2-Dichlorobenzene	8.38	146	86993	42.406	ng		99
15) Benzyl Alcohol	8.27	79	87924	37.924	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.54	45	86162	50.877	ng		71
17) 2-Methylphenol	8.47	107	77580	44.237	ng	#	86
18) Hexachloroethane	9.10	117	35138	43.036	ng		90
19) n-Nitroso-di-n-propylamine	8.82	70	71862	33.425	ng	#	87
20) 3+4-Methylphenols	8.79	107	105876	43.518	ng		89
22) Acetophenone	8.84	105	135428	40.160	ng	#	91
24) Nitrobenzene	9.22	77	107541	41.194	ng	#	92
25) Isophorone	9.75	82	206988	42.955	ng		98
26) 2-Nitrophenol	9.93	139	44434	47.925	ng	#	88
27) 2,4-Dimethylphenol	9.99	122	82676	52.679	ng		93
28) bis(2-Chloroethoxy)methane	10.23	93	110059	41.450	ng		98
29) 2,4-Dichlorophenol	10.47	162	91570	51.113	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	98695	44.927	ng		98
31) Naphthalene	10.87	128	245471	43.456	ng		98
32) Benzoic acid	10.16	122	25160	23.814	ng	#	85
33) 4-Chloroaniline	10.99	127	65962	26.792	ng	#	97
34) Hexachlorobutadiene	11.16	225	75129	43.857	ng		96
35) Caprolactam	11.76	113	31467	40.930	ng	#	65
36) 4-Chloro-3-methylphenol	12.11	107	109532	45.612	ng		97
37) 2-Methylnaphthalene	12.48	142	192551	45.754	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	134910	43.080	ng		98
40) Hexachlorocyclopentadiene	12.82	237	162057	98.674	ng		89

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	85436	46.651	ng		96
43) 2,4,5-Trichlorophenol	13.16	196	89841	43.851	ng		97
45) 1,1'-Biphenyl	13.48	154	264193	41.070	ng		98
46) 2-Chloronaphthalene	13.52	162	212388	42.447	ng		98
47) 2-Nitroaniline	13.73	65	72112	40.766	ng		97
48) Acenaphthylene	14.37	152	354480	42.292	ng		97
49) Dimethylphthalate	14.10	163	297682	40.950	ng		100
50) 2,6-Dinitrotoluene	14.22	165	67870	45.848	ng		95
51) Acenaphthene	14.71	154	205437	39.347	ng		99
52) 3-Nitroaniline	14.56	138	44037	29.106	ng	#	93
53) 2,4-Dinitrophenol	14.77	184	53502	71.082	ng	#	65
54) Dibenzofuran	15.04	168	350796	42.246	ng		94
55) 4-Nitrophenol	14.87	139	85587	79.430	ng		90
56) 2,4-Dinitrotoluene	15.01	165	98276	46.275	ng		91
57) Fluorene	15.69	166	291106	41.827	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	91757	46.711	ng		93
59) Diethylphthalate	15.46	149	294813	39.440	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	165505	40.460	ng		98
61) 4-Nitroaniline	15.71	138	63545	40.150	ng	#	83
62) Azobenzene	15.97	77	297984	40.415	ng		95
64) 4,6-Dinitro-2-methylphenol	15.77	198	55516	44.850	ng		85
65) n-Nitrosodiphenylamine	15.90	169	259291	40.967	ng		93
66) 4-Bromophenyl-phenylether	16.58	248	114491	44.380	ng		93
67) Hexachlorobenzene	16.70	284	117683	44.296	ng		94
68) Atrazine	16.85	200	116284	44.622	ng		94
69) Pentachlorophenol	17.04	266	106986	66.115	ng		97
70) Phenanthrene	17.43	178	481265	43.374	ng		98
71) Anthracene	17.52	178	490799	44.423	ng		99
72) Carbazole	17.79	167	434496	41.411	ng		99
73) Di-n-butylphthalate	18.35	149	502171	40.501	ng	#	98
74) Fluoranthene	19.44	202	635782	42.540	ng		97
76) Benzidine	19.62	184	270429	40.572	ng		97
77) Pyrene	19.80	202	628765	39.221	ng		98
79) Butylbenzylphthalate	20.68	149	239028	41.695	ng	#	94
80) Benzo(a)anthracene	21.64	228	656068	41.524	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	166043	30.140	ng	#	97
82) Chrysene	21.70	228	614015	41.938	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	329837	42.320	ng	#	99
84) Di-n-octyl phthalate	22.73	149	564841	43.284	ng	#	91
85) Indeno(1,2,3-cd)pyrene	28.49	276	687780	42.430	ng	#	93
87) Benzo(b)fluoranthene	23.83	252	633466	42.893	ng	#	97
88) Benzo(k)fluoranthene	23.90	252	599764	41.540	ng	#	95
89) Benzo(a)pyrene	24.70	252	611348	44.496	ng	#	97
90) Dibenzo(a,h)anthracene	28.55	278	576222	42.719	ng	#	96
91) Benzo(g,h,i)perylene	29.62	276	578256	43.810	ng	#	92

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

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