Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036094.D
Acq On : 3 Aug 2018 14:59
Operator : JU/SJ
Sample : PB111728BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111728BS

Manual Integrations APPROVED
Sohil
8/6/2018 9:57:38 AM

Quant Time: Aug 03 18:48:48 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	8.03	152	25653	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	102140	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	71617	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	198109	20.00	ng		0.00
75) Chrysene-d12	21.65	240	237123	20.00	ng		0.00
86) Perylene-d12	24.84	264	218225	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	221736	143.51	ng		0.00
7) Phenol-d6	7.19	99	314042	136.22	ng		0.00
23) Nitrobenzene-d5	9.18	82	205590	84.09	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	137231	145.38	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	481092	90.00	ng		0.00
78) Terphenyl-d14	20.00	244	980525	91.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	28739	36.544	ng	#	79
3) Pyridine	3.91	79	78911	38.436	ng	#	71
4) n-Nitrosodimethylamine	3.82	42	34316	38.928	ng	#	87
6) Aniline	7.35	93	112860	37.770	ng		99
8) 2-Chlorophenol	7.59	128	75816	48.245	ng		97
9) Benzaldehyde	7.16	77	48644	34.389	ng		98
10) Phenol	7.22	94	110256	47.339	ng		91
11) bis(2-Chloroethyl)ether	7.44	93	78024	42.776	ng		87
12) 1,3-Dichlorobenzene	7.91	146	89392m	47.105	ng		
13) 1,4-Dichlorobenzene	8.05	146	92259	47.848	ng		96
14) 1,2-Dichlorobenzene	8.38	146	84813	45.787	ng		95
15) Benzyl Alcohol	8.27	79	87048	41.581	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.54	45	87453	57.189	ng		75
17) 2-Methylphenol	8.47	107	72514	45.792	ng	#	86
18) Hexachloroethane	9.10	117	33520	45.467	ng	#	83
19) n-Nitroso-di-n-propylamine	8.82	70	70128	36.124	ng	#	83
20) 3+4-Methylphenols	8.79	107	101551	46.227	ng		95
22) Acetophenone	8.84	105	131204	41.308	ng	#	93
24) Nitrobenzene	9.23	77	111802	45.468	ng	#	95
25) Isophorone	9.75	82	200057	44.077	ng		99
26) 2-Nitrophenol	9.94	139	45193	51.750	ng	#	88
27) 2,4-Dimethylphenol	10.00	122	76813	51.962	ng		91
28) bis(2-Chloroethoxy)methane	10.23	93	107313	42.908	ng		95
29) 2,4-Dichlorophenol	10.48	162	86731	51.398	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	102021	49.305	ng		100
31) Naphthalene	10.87	128	239582	45.029	ng		97
32) Benzoic acid	10.17	122	23350m	23.464	ng		
33) 4-Chloroaniline	10.99	127	79826	34.423	ng		96
34) Hexachlorobutadiene	11.16	225	78648	48.743	ng		96
35) Caprolactam	11.76	113	27502m	37.979	ng		
36) 4-Chloro-3-methylphenol	12.11	107	101361	44.813	ng		96
37) 2-Methylnaphthalene	12.48	142	184840	46.631	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	129150	47.779	ng		99
40) Hexachlorocyclopentadiene	12.82	237	150953	106.484	ng		91

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Quant Time: Aug 03 18:48:48 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)
42) 2,4,6-Trichlorophenol	13.08	196	76750	48.552	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	83618	47.285	ng	#	95
45) 1,1'-Biphenyl	13.48	154	251629	45.319	ng		98
46) 2-Chloronaphthalene	13.52	162	204867	47.435	ng		97
47) 2-Nitroaniline	13.73	65	69339	45.412	ng		94
48) Acenaphthylene	14.37	152	333226	46.060	ng		98
49) Dimethylphthalate	14.10	163	272342	43.403	ng		99
50) 2,6-Dinitrotoluene	14.22	165	62344	48.791	ng		93
51) Acenaphthene	14.71	154	192397	42.691	ng		99
52) 3-Nitroaniline	14.56	138	50513	38.679	ng	#	94
53) 2,4-Dinitrophenol	14.76	184	37292	58.667	ng	#	67
54) Dibenzofuran	15.04	168	324811	45.318	ng		95
55) 4-Nitrophenol	14.87	139	75833	81.536	ng	#	87
56) 2,4-Dinitrotoluene	15.01	165	91679	50.012	ng	#	87
57) Fluorene	15.69	166	270367	45.006	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	85957	50.696	ng	#	95
59) Diethylphthalate	15.46	149	275635	42.721	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	156762	44.399	ng		97
61) 4-Nitroaniline	15.72	138	64320	47.083	ng	#	78
62) Azobenzene	15.97	77	276348	43.422	ng		94
64) 4,6-Dinitro-2-methylphenol	15.77	198	50144	45.470	ng		85
65) n-Nitrosodiphenylamine	15.90	169	239153	42.411	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	107071	46.585	ng		100
67) Hexachlorobenzene	16.70	284	112299	47.445	ng		97
68) Atrazine	16.85	200	111412	47.987	ng		96
69) Pentachlorophenol	17.04	266	100780	69.905	ng		97
70) Phenanthrene	17.43	178	452353	45.760	ng		98
71) Anthracene	17.52	178	460534	46.788	ng		99
72) Carbazole	17.79	167	432898	46.310	ng		98
73) Di-n-butylphthalate	18.35	149	496459	44.943	ng	#	98
74) Fluoranthene	19.44	202	643850	48.354	ng		98
76) Benzidine	19.62	184	297118	47.661	ng		97
77) Pyrene	19.80	202	639064	42.623	ng		99
79) Butylbenzylphthalate	20.68	149	244811	45.659	ng		97
80) Benzo(a)anthracene	21.64	228	667274	45.157	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	195418	37.928	ng		95
82) Chrysene	21.70	228	626393	45.744	ng		97
83) Bis(2-ethylhexyl)phthalate	21.53	149	338952	46.500	ng		98
84) Di-n-octyl phthalate	22.73	149	565843	46.362	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	667991	44.061	ng	#	84
87) Benzo(b)fluoranthene	23.83	252	637317	48.050	ng	#	95
88) Benzo(k)fluoranthene	23.90	252	606109	46.742	ng	#	97
89) Benzo(a)pyrene	24.70	252	605299	49.054	ng	#	95
90) Dibenzo(a,h)anthracene	28.56	278	553547	45.694	ng	#	95
91) Benzo(g,h,i)perylene	29.62	276	544459	45.929	ng	#	91

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

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