Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032694.D
Acq On : 14 Feb 2018 23:17
Operator : SJ/JU
Sample : PB106541BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106541BS

Manual Integrations APPROVED
Sohil
2/15/2018 1:24:09 PM

Quant Time: Feb 15 11:20:56 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	26648	20.00	ng		-0.02
21) Naphthalene-d8	11.54	136	106208	20.00	ng		-0.01
38) Acenaphthene-d10	15.30	164	69123	20.00	ng		-0.01
63) Phenanthrene-d10	18.03	188	282991	20.00	ng		-0.01
75) Chrysene-d12	22.35	240	325860	20.00	ng		-0.02
86) Perylene-d12	25.98	264	368284	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.10	112	122574	92.29	ng		-0.01
7) Phenol-d6	7.78	99	176088	96.96	ng		-0.01
23) Nitrobenzene-d5	9.85	82	113210	67.75	ng		-0.02
41) 2,4,6-Tribromophenol	16.78	330	181376	170.41	ng		-0.01
44) 2-Fluorobiphenyl	13.92	172	479803	86.80	ng		-0.01
78) Terphenyl-d14	20.57	244	1157886	80.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	8870	15.964	ng	#	75
4) n-Nitrosodimethylamine	4.13	42	15585	23.273	ng	#	63
8) 2-Chlorophenol	8.21	128	50269	32.914	ng		81
9) Benzaldehyde	7.76	77	7931	7.389	ng		87
10) Phenol	7.81	94	51925	29.397	ng		95
11) bis(2-Chloroethyl)ether	8.05	93	34257	24.192	ng		85
12) 1,3-Dichlorobenzene	8.54	146	54611	25.353	ng		94
13) 1,4-Dichlorobenzene	8.69	146	55510	26.084	ng		96
14) 1,2-Dichlorobenzene	9.02	146	55978	26.080	ng		98
15) Benzyl Alcohol	8.90	79	34293	25.192	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.19	45	33615	22.057	ng		71
17) 2-Methylphenol	9.10	107	37498	29.977	ng		92
18) Hexachloroethane	9.77	117	19382	24.943	ng	#	80
19) n-Nitroso-di-n-propylamine	9.47	70	27182	22.263	ng	#	91
20) 3+4-Methylphenols	9.43	107	46598	24.647	ng		98
22) Acetophenone	9.50	105	58566	25.928	ng	#	89
24) Nitrobenzene	9.90	77	46912	26.811	ng		97
25) Isophorone	10.41	82	95939	30.112	ng	#	81
26) 2-Nitrophenol	10.63	139	29817	31.862	ng	#	85
27) 2,4-Dimethylphenol	10.66	122	51646	42.006	ng		99
28) bis(2-Chloroethoxy)methane	10.90	93	50784	31.180	ng		97
29) 2,4-Dichlorophenol	11.17	162	63348	35.203	ng		91
30) 1,2,4-Trichlorobenzene	11.38	180	72177	28.610	ng	#	93
31) Naphthalene	11.58	128	153489	29.763	ng		99
32) Benzoic acid	10.73	122	2554m	6.739	ng		
33) 4-Chloroaniline	11.69	127	12260	5.991	ng	#	88
34) Hexachlorobutadiene	11.85	225	57346	27.736	ng		94
35) Caprolactam	12.42	113	5826	11.401	ng	#	37
36) 4-Chloro-3-methylphenol	12.77	107	62855	38.832	ng	#	81
37) 2-Methylnaphthalene	13.15	142	142574	34.083	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.51	216	108375	33.195	ng		96
40) Hexachlorocyclopentadiene	13.48	237	140450	67.980	ng		93
42) 2,4,6-Trichlorophenol	13.74	196	68712	42.168	ng		97
43) 2,4,5-Trichlorophenol	13.82	196	81608m	40.188	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	14.14	154	199905	35.148	ng		95
46) 2-Chloronaphthalene	14.19	162	167282	37.169	ng		96
47) 2-Nitroaniline	14.38	65	42375	43.285	ng	#	82
48) Acenaphthylene	15.03	152	268323	40.524	ng		99
49) Dimethylphthalate	14.73	163	282545	47.288	ng	#	98
50) 2,6-Dinitrotoluene	14.86	165	49403	40.148	ng	#	82
51) Acenaphthene	15.36	154	159239	35.215	ng		96
52) 3-Nitroaniline	15.19	138	29300	26.963	ng	#	85
53) 2,4-Dinitrophenol	15.40	184	19031	36.022	ng	#	58
54) Dibenzofuran	15.69	168	286582	42.598	ng		97
55) 4-Nitrophenol	15.49	139	67710	83.739	ng	#	77
56) 2,4-Dinitrotoluene	15.64	165	74690	44.052	ng	#	76
57) Fluorene	16.33	166	233030	42.119	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.91	232	76250	39.883	ng	#	89
59) Diethylphthalate	16.07	149	245589	42.243	ng		96
60) 4-Chlorophenyl-phenylether	16.31	204	147378	40.345	ng		94
61) 4-Nitroaniline	16.35	138	47713	42.588	ng		90
62) Azobenzene	16.61	77	155878	41.732	ng		84
64) 4,6-Dinitro-2-methylphenol	16.40	198	31310	18.642	ng		79
65) n-Nitrosodiphenylamine	16.52	169	220169	26.528	ng		97
66) 4-Bromophenyl-phenylether	17.21	248	107240	26.479	ng		92
67) Hexachlorobenzene	17.33	284	108459	24.934	ng	#	89
68) Atrazine	17.45	200	94061	26.423	ng		96
69) Pentachlorophenol	17.68	266	121760	45.723	ng		96
70) Phenanthrene	18.08	178	454766	29.915	ng		99
71) Anthracene	18.16	178	472004	30.345	ng		97
72) Carbazole	18.43	167	349296	26.338	ng		98
73) Di-n-butylphthalate	18.93	149	460950	30.869	ng		99
74) Fluoranthene	20.04	202	597942	29.463	ng		95
77) Pyrene	20.40	202	608362	31.381	ng		99
79) Butylbenzylphthalate	21.25	149	207148	32.437	ng	#	82
80) Benzo(a)anthracene	22.33	228	636824	31.213	ng		99
81) 3,3'-Dichlorobenzidine	22.22	252	111747	14.666	ng	#	98
82) Chrysene	22.41	228	568289	28.248	ng		97
83) Bis(2-ethylhexyl)phthalate	22.18	149	282726	30.700	ng	#	99
84) Di-n-octyl phthalate	23.53	149	483859	33.488	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.18	276	757722	31.794	ng	#	85
87) Benzo(b)fluoranthene	24.82	252	655024	29.845	ng	#	96
88) Benzo(k)fluoranthene	24.90	252	654400	28.810	ng	#	96
89) Benzo(a)pyrene	25.81	252	649218	30.363	ng	#	95
90) Dibenzo(a,h)anthracene	30.26	278	625440	29.382	ng	#	94
91) Benzo(g,h,i)perylene	31.51	276	608919	29.592	ng	#	93

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

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