Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
Data File : BG032518.D
Acq On : 2 Feb 2018 18:53
Operator : SJ/JU
Sample : PB106274BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Manual Integrations APPROVED
Sohil
2/5/2018 11:15:11 AM

Quant Time: Feb 02 22:45:54 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	25310	20.00	ng		-0.01
21) Naphthalene-d8	11.59	136	101524	20.00	ng		-0.01
38) Acenaphthene-d10	15.34	164	74486	20.00	ng		-0.01
63) Phenanthrene-d10	18.08	188	211859	20.00	ng		-0.01
75) Chrysene-d12	22.41	240	273657	20.00	ng		-0.01
86) Perylene-d12	26.08	264	302334	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	161552	128.20	ng		0.00
7) Phenol-d6	7.84	99	200386	119.17	ng		0.00
23) Nitrobenzene-d5	9.91	82	124222	76.42	ng		-0.01
41) 2,4,6-Tribromophenol	16.82	330	182630	128.81	ng		-0.01
44) 2-Fluorobiphenyl	13.97	172	474888	75.78	ng		-0.02
78) Terphenyl-d14	20.61	244	1059175	82.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	14794	34.894	ng	#	74
3) Pyridine	4.25	79	38981	34.051	ng		86
4) n-Nitrosodimethylamine	4.16	42	24290	40.760	ng	#	68
6) Aniline	8.01	93	42387	20.218	ng		91
8) 2-Chlorophenol	8.26	128	65453	43.942	ng	#	79
9) Benzaldehyde	7.81	77	17769	20.460	ng	#	81
10) Phenol	7.86	94	69044	43.238	ng		91
11) bis(2-Chloroethyl)ether	8.10	93	41933	34.464	ng		87
12) 1,3-Dichlorobenzene	8.59	146	73096	36.287	ng		96
13) 1,4-Dichlorobenzene	8.75	146	75742	37.515	ng		96
14) 1,2-Dichlorobenzene	9.08	146	74772	37.805	ng		94
15) Benzyl Alcohol	8.95	79	50624	36.530	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.23	45	41814	36.268	ng		60
17) 2-Methylphenol	9.15	107	48337	37.270	ng		96
18) Hexachloroethane	9.83	117	25151	37.103	ng	#	80
19) n-Nitroso-di-n-propylamine	9.52	70	39829	35.724	ng	#	85
20) 3+4-Methylphenols	9.49	107	69342	38.117	ng		93
22) Acetophenone	9.55	105	87782	36.886	ng	#	92
24) Nitrobenzene	9.95	77	62642	39.855	ng		92
25) Isophorone	10.47	82	111618	40.330	ng	#	87
26) 2-Nitrophenol	10.68	139	39749	41.836	ng	#	85
27) 2,4-Dimethylphenol	10.72	122	63659	46.681	ng		89
28) bis(2-Chloroethoxy)methane	10.96	93	63191	41.637	ng	#	91
29) 2,4-Dichlorophenol	11.23	162	79093	43.781	ng		90
30) 1,2,4-Trichlorobenzene	11.44	180	90058	37.403	ng		94
31) Naphthalene	11.64	128	191826	38.686	ng		100
32) Benzoic acid	10.86	122	6566m	12.758	ng		
33) 4-Chloroaniline	11.74	127	43236	19.550	ng	#	90
34) Hexachlorobutadiene	11.91	225	67690	36.134	ng		95
35) Caprolactam	12.49	113	21892	42.213	ng	#	44
36) 4-Chloro-3-methylphenol	12.82	107	73923	43.139	ng	#	90
37) 2-Methylnaphthalene	13.21	142	161167	38.689	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	131119	37.627	ng		95
40) Hexachlorocyclopentadiene	13.53	237	170701	78.402	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	80125	42.272	ng		94
43) 2,4,5-Trichlorophenol	13.87	196	90037	40.748	ng	#	92
45) 1,1'-Biphenyl	14.18	154	237028	37.665	ng		95
46) 2-Chloronaphthalene	14.24	162	184862	37.480	ng		99
47) 2-Nitroaniline	14.43	65	45176	41.418	ng	#	78
48) Acenaphthylene	15.07	152	284796	38.195	ng		99
49) Dimethylphthalate	14.77	163	263850	38.418	ng		98
50) 2,6-Dinitrotoluene	14.90	165	59192	41.063	ng	#	76
51) Acenaphthene	15.41	154	186258	36.018	ng		99
52) 3-Nitroaniline	15.24	138	34617	27.494	ng	#	71
53) 2,4-Dinitrophenol	15.44	184	9194	13.798	ng	#	85
54) Dibenzofuran	15.74	168	310019	40.504	ng		98
55) 4-Nitrophenol	15.54	139	69604	73.841	ng	#	76
56) 2,4-Dinitrotoluene	15.68	165	86806	42.295	ng	#	69
57) Fluorene	16.38	166	251516	39.545	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.96	232	97040	44.529	ng	#	85
59) Diethylphthalate	16.12	149	266890	39.900	ng		97
60) 4-Chlorophenyl-phenylether	16.36	204	160873	40.111	ng		95
61) 4-Nitroaniline	16.40	138	53807	39.871	ng	#	77
62) Azobenzene	16.65	77	163539	40.911	ng		88
64) 4,6-Dinitro-2-methylphenol	16.44	198	16732	10.572	ng	#	70
65) n-Nitrosodiphenylamine	16.57	169	240299	38.006	ng		98
66) 4-Bromophenyl-phenylether	17.25	248	117625	37.476	ng		96
67) Hexachlorobenzene	17.38	284	128612	37.028	ng	#	91
68) Atrazine	17.50	200	117634	43.341	ng		95
69) Pentachlorophenol	17.72	266	101969	46.863	ng		97
70) Phenanthrene	18.12	178	455839	38.582	ng		99
71) Anthracene	18.21	178	467610	39.749	ng		99
72) Carbazole	18.48	167	407934	39.246	ng		98
73) Di-n-butylphthalate	18.98	149	466834	40.566	ng		100
74) Fluoranthene	20.09	202	629289	40.615	ng		95
76) Benzidine	20.25	184	222631	41.431	ng		100
77) Pyrene	20.44	202	636013	37.893	ng		99
79) Butylbenzylphthalate	21.30	149	216830	40.956	ng	#	77
80) Benzo(a)anthracene	22.39	228	684928	40.372	ng		98
81) 3,3'-Dichlorobenzidine	22.28	252	159952	24.335	ng	#	97
82) Chrysene	22.46	228	641936	39.181	ng		97
83) Bis(2-ethylhexyl)phthalate	22.22	149	307083	40.908	ng	#	98
84) Di-n-octyl phthalate	23.59	149	531096	44.606	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.35	276	875797	42.255	ng	#	84
87) Benzo(b)fluoranthene	24.90	252	741024	40.565	ng	#	95
88) Benzo(k)fluoranthene	24.99	252	714805	39.500	ng	#	96
89) Benzo(a)pyrene	25.91	252	718655	41.265	ng	#	95
90) Dibenzo(a,h)anthracene	30.41	278	728383	40.884	ng	#	95
91) Benzo(g,h,i)perylene	31.68	276	721691	40.811	ng	#	91

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

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