Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032468.D
Acq On : 31 Jan 2018 16:44
Operator : SJ/JU
Sample : PB106216BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB106216BS

Quant Time: Feb 01 01:37:42 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	31474	20.00	ng		0.00
21) Naphthalene-d8	11.59	136	126704	20.00	ng		0.00
38) Acenaphthene-d10	15.35	164	91701	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	228070	20.00	ng		0.00
75) Chrysene-d12	22.41	240	281911	20.00	ng		0.00
86) Perylene-d12	26.09	264	316405	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	135167	86.26	ng		0.00
7) Phenol-d6	7.84	99	171875	82.20	ng		0.00
23) Nitrobenzene-d5	9.91	82	153087	75.47	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	134661	77.15	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	566821	73.47	ng		-0.01
78) Terphenyl-d14	20.62	244	1021166	77.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	17846	33.849	ng	#	74
3) Pyridine	4.26	79	50481	35.460	ng	#	86
4) n-Nitrosodimethylamine	4.17	42	29332	39.581	ng	#	78
6) Aniline	8.01	93	42281	16.218	ng		96
8) 2-Chlorophenol	8.27	128	76053	41.059	ng		82
9) Benzaldehyde	7.81	77	23622	21.872	ng	#	81
10) Phenol	7.87	94	82676	41.635	ng		84
11) bis(2-Chloroethyl)ether	8.10	93	54100	35.756	ng	#	81
12) 1,3-Dichlorobenzene	8.60	146	94083	37.559	ng		96
13) 1,4-Dichlorobenzene	8.75	146	89688	35.722	ng		97
14) 1,2-Dichlorobenzene	9.08	146	89974	36.582	ng		98
15) Benzyl Alcohol	8.95	79	62006	35.980	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.23	45	50790	35.425	ng		73
17) 2-Methylphenol	9.16	107	61840	38.344	ng		93
18) Hexachloroethane	9.83	117	31702	37.608	ng	#	81
19) n-Nitroso-di-n-propylamine	9.52	70	47126	33.991	ng	#	93
20) 3+4-Methylphenols	9.50	107	82444	36.443	ng		94
22) Acetophenone	9.56	105	100509	33.840	ng	#	92
24) Nitrobenzene	9.95	77	72569	36.996	ng		93
25) Isophorone	10.48	82	129078	37.370	ng	#	83
26) 2-Nitrophenol	10.68	139	46064	38.848	ng	#	81
27) 2,4-Dimethylphenol	10.72	122	74413	43.722	ng		96
28) bis(2-Chloroethoxy)methane	10.96	93	74357	39.257	ng	#	88
29) 2,4-Dichlorophenol	11.23	162	95163	42.208	ng		92
30) 1,2,4-Trichlorobenzene	11.45	180	108289	36.037	ng		96
31) Naphthalene	11.65	128	228114	36.862	ng		99
32) Benzoic acid	10.88	122	57966	46.012	ng	#	83
33) 4-Chloroaniline	11.75	127	34728	12.582	ng		94
34) Hexachlorobutadiene	11.91	225	81957	35.055	ng		99
35) Caprolactam	12.50	113	25408	39.256	ng	#	39
36) 4-Chloro-3-methylphenol	12.83	107	86909	40.638	ng		88
37) 2-Methylnaphthalene	13.21	142	193966	37.309	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	150016	34.968	ng		97
40) Hexachlorocyclopentadiene	13.54	237	212561	79.300	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	93662	40.138	ng		97
43) 2,4,5-Trichlorophenol	13.87	196	103342	37.990	ng	#	92
45) 1,1'-Biphenyl	14.18	154	275451	35.554	ng		95
46) 2-Chloronaphthalene	14.24	162	215396	35.472	ng		98
47) 2-Nitroaniline	14.43	65	48072	35.799	ng	#	76
48) Acenaphthylene	15.08	152	325674	35.477	ng		99
49) Dimethylphthalate	14.78	163	290417	34.348	ng		98
50) 2,6-Dinitrotoluene	14.91	165	64577	36.388	ng	#	73
51) Acenaphthene	15.41	154	254208	39.930	ng		97
52) 3-Nitroaniline	15.25	138	28944	18.672	ng	#	79
53) 2,4-Dinitrophenol	15.44	184	77590	70.553	ng	#	62
54) Dibenzofuran	15.74	168	338313	35.903	ng		96
55) 4-Nitrophenol	15.54	139	89014	76.705	ng	#	78
56) 2,4-Dinitrotoluene	15.69	165	89585	35.454	ng	#	70
57) Fluorene	16.39	166	277900	35.491	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.96	232	108026	40.264	ng	#	84
59) Diethylphthalate	16.12	149	285499	34.669	ng		98
60) 4-Chlorophenyl-phenylether	16.36	204	177265	35.901	ng		94
61) 4-Nitroaniline	16.40	138	49893	30.030	ng	#	75
62) Azobenzene	16.66	77	179061	36.385	ng		85
64) 4,6-Dinitro-2-methylphenol	16.45	198	57368	33.670	ng		72
65) n-Nitrosodiphenylamine	16.58	169	257614	37.849	ng		97
66) 4-Bromophenyl-phenylether	17.26	248	130775	38.704	ng		95
67) Hexachlorobenzene	17.39	284	137563	36.790	ng	#	88
68) Atrazine	17.50	200	117257	40.131	ng		97
69) Pentachlorophenol	17.72	266	167441	71.483	ng		97
70) Phenanthrene	18.13	178	475158	37.359	ng		99
71) Anthracene	18.21	178	488467	38.571	ng		98
72) Carbazole	18.48	167	405011	36.196	ng		99
73) Di-n-butylphthalate	18.98	149	470393	37.970	ng		99
74) Fluoranthene	20.09	202	624476	37.439	ng		93
76) Benzidine	20.25	184	185552	33.520	ng		97
77) Pyrene	20.45	202	626088	36.209	ng		99
79) Butylbenzylphthalate	21.30	149	214367	39.305	ng	#	76
80) Benzo(a)anthracene	22.39	228	674514	38.594	ng		98
81) 3,3'-Dichlorobenzidine	22.29	252	118339	17.477	ng	#	96
82) Chrysene	22.47	228	630768	37.372	ng		98
83) Bis(2-ethylhexyl)phthalate	22.23	149	303996	39.311	ng	#	99
84) Di-n-octyl phthalate	23.60	149	526599	42.933	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.35	276	859167	40.239	ng	#	86
87) Benzo(b)fluoranthene	24.91	252	722224	37.777	ng	#	94
88) Benzo(k)fluoranthene	24.98	252	699558	36.938	ng	#	96
89) Benzo(a)pyrene	25.92	252	701374	38.482	ng	#	96
90) Dibenzo(a,h)anthracene	30.42	278	712263	38.202	ng	#	94
91) Benzo(g,h,i)perylene	31.69	276	714340	38.599	ng	#	91

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

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