Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032490.D
Acq On : 1 Feb 2018 15:11
Operator : SJ/JU
Sample : J1014-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Manual Integrations APPROVED
Sohil
2/2/2018 9:57:15 AM

Quant Time: Feb 01 17:50:22 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	27563	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	103559	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	77053	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	211247	20.00	ng	0.00
75) Chrysene-d12	22.41	240	269824	20.00	ng	0.00
86) Perylene-d12	26.08	264	274837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	185823	135.41	ng	0.00
7) Phenol-d6	7.84	99	213723	116.71	ng	0.00
23) Nitrobenzene-d5	9.91	82	153827	92.78	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	220466	150.31	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	558169	86.10	ng	-0.01
78) Terphenyl-d14	20.62	244	1232667	97.86	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.82	88	17081	36.995	ng	# 76
3) Pyridine	4.28	79	43751	35.094	ng	# 76
4) n-Nitrosodimethylamine	4.17	42	29602	45.613	ng	# 69
6) Aniline	8.02	93	14443	6.326	ng	91
8) 2-Chlorophenol	8.26	128	71271	43.937	ng	# 82
9) Benzaldehyde	7.81	77	21540m	22.774	ng	
10) Phenol	7.87	94	69184	39.784	ng	87
11) bis(2-Chloroethyl)ether	8.10	93	52832	39.873	ng	# 77
12) 1,3-Dichlorobenzene	8.60	146	88130	40.174	ng	96
13) 1,4-Dichlorobenzene	8.75	146	87874	39.966	ng	92
14) 1,2-Dichlorobenzene	9.08	146	85522	39.706	ng	97
15) Benzyl Alcohol	8.95	79	51422	34.072	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.25	45	48566	38.681	ng	63
17) 2-Methylphenol	9.15	107	57714m	40.863	ng	
18) Hexachloroethane	9.83	117	30060	40.720	ng	# 81
19) n-Nitroso-di-n-propylamine	9.52	70	44522	36.669	ng	# 93
20) 3+4-Methylphenols	9.49	107	76511	38.620	ng	91
22) Acetophenone	9.55	105	100594	41.439	ng	# 94
24) Nitrobenzene	9.95	77	71047	44.315	ng	# 90
25) Isophorone	10.48	82	128363	45.469	ng	# 81
26) 2-Nitrophenol	10.68	139	44424	45.838	ng	# 82
27) 2,4-Dimethylphenol	10.72	122	70190	50.458	ng	94
28) bis(2-Chloroethoxy)methane	10.96	93	72539	46.857	ng	# 94
29) 2,4-Dichlorophenol	11.23	162	90382	49.047	ng	87
30) 1,2,4-Trichlorobenzene	11.45	180	103588	42.177	ng	95
31) Naphthalene	11.65	128	292975	57.924	ng	99
32) Benzoic acid	10.86	122	37657	38.066	ng	89
34) Hexachlorobutadiene	11.90	225	80669	42.216	ng	95
35) Caprolactam	12.50	113	20679	39.090	ng	# 51
36) 4-Chloro-3-methylphenol	12.83	107	83553	47.801	ng	# 79
37) 2-Methylnaphthalene	13.21	142	190098	44.737	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	147029	40.787	ng	95
40) Hexachlorocyclopentadiene	13.54	237	197480	87.680	ng	93
42) 2,4,6-Trichlorophenol	13.80	196	91290	46.558	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.87	196	102334	44.771	ng	#	93
45) 1,1'-Biphenyl	14.19	154	270195	41.506	ng		95
46) 2-Chloronaphthalene	14.24	162	213611	41.866	ng		98
47) 2-Nitroaniline	14.43	65	46048	40.811	ng	#	80
48) Acenaphthylene	15.08	152	318449	41.285	ng		98
49) Dimethylphthalate	14.78	163	306939	43.203	ng		99
50) 2,6-Dinitrotoluene	14.91	165	66358	44.500	ng	#	80
51) Acenaphthene	15.41	154	263928	49.338	ng		99
52) 3-Nitroaniline	15.25	138	5079	3.899	ng	#	71
53) 2,4-Dinitrophenol	15.44	184	90212	96.050	ng	#	64
54) Dibenzofuran	15.74	168	359972	45.464	ng		96
55) 4-Nitrophenol	15.54	139	88203	90.455	ng	#	76
56) 2,4-Dinitrotoluene	15.69	165	99008	46.633	ng	#	71
57) Fluorene	16.39	166	290521	44.156	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.96	232	114267	50.687	ng	#	85
59) Diethylphthalate	16.12	149	304577	44.017	ng		97
60) 4-Chlorophenyl-phenylether	16.36	204	182456	43.977	ng		91
61) 4-Nitroaniline	16.40	138	27294	19.551	ng	#	77
62) Azobenzene	16.66	77	180323	43.607	ng		82
64) 4,6-Dinitro-2-methylphenol	16.45	198	63606	40.304	ng		74
65) n-Nitrosodiphenylamine	16.57	169	143609	22.779	ng		99
66) 4-Bromophenyl-phenylether	17.26	248	136655	43.665	ng		95
67) Hexachlorobenzene	17.38	284	147794	42.674	ng	#	90
68) Atrazine	17.50	200	35418	13.087	ng		96
69) Pentachlorophenol	17.72	266	194596	89.692	ng		98
70) Phenanthrene	18.13	178	526407	44.684	ng		99
71) Anthracene	18.21	178	540388	46.069	ng		98
72) Carbazole	18.48	167	306140	29.538	ng		99
73) Di-n-butylphthalate	18.98	149	530282	46.212	ng		99
74) Fluoranthene	20.09	202	713751	46.199	ng		95
77) Pyrene	20.45	202	707758	42.766	ng		99
79) Butylbenzylphthalate	21.30	149	246430	47.208	ng	#	77
80) Benzo(a)anthracene	22.39	228	768896	45.966	ng		98
82) Chrysene	22.46	228	711139	44.021	ng		98
83) Bis(2-ethylhexyl)phthalate	22.22	149	339496	45.868	ng	#	99
84) Di-n-octyl phthalate	23.59	149	600896	51.185	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.34	276	957166	46.837	ng	#	83
87) Benzo(b)fluoranthene	24.91	252	817534	49.230	ng	#	95
88) Benzo(k)fluoranthene	24.98	252	807313	49.075	ng	#	96
89) Benzo(a)pyrene	25.91	252	778912	49.200	ng	#	95
90) Dibenzo(a,h)anthracene	30.41	278	821018	50.695	ng	#	94
91) Benzo(g,h,i)perylene	31.69	276	765618	47.627	ng	#	90

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

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