Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
Data File : BG032279.D
Acq On : 25 Jan 2018 3:17
Operator : SJ/JU
Sample : J1015-13MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-AMSD

Manual Integrations APPROVED
Sohil
1/25/2018 5:33:47 PM

Quant Time: Jan 25 07:41:56 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	47228	20.00	ng		0.00
21) Naphthalene-d8	11.61	136	181241	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	122634	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	317543	20.00	ng		0.00
75) Chrysene-d12	22.43	240	403248	20.00	ng		0.00
86) Perylene-d12	26.11	264	433714	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	342500	132.64	ng		0.00
7) Phenol-d6	7.84	99	392915	120.81	ng		0.00
23) Nitrobenzene-d5	9.93	82	281164	104.95	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	298935	147.31	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	922739	93.30	ng		0.00
78) Terphenyl-d14	20.63	244	1738713	95.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	34039	34.312	ng	#	75
3) Pyridine	4.29	79	71789	27.110	ng	#	82
4) n-Nitrosodimethylamine	4.18	42	55352	59.499	ng	#	74
6) Aniline	8.02	93	36833	8.979	ng		95
8) 2-Chlorophenol	8.28	128	132440	45.834	ng		83
9) Benzaldehyde	7.82	77	67984	36.079	ng		89
10) Phenol	7.87	94	128575	40.134	ng		94
11) bis(2-Chloroethyl)ether	8.11	93	102647	39.993	ng		84
12) 1,3-Dichlorobenzene	8.61	146	163638	43.270	ng		97
13) 1,4-Dichlorobenzene	8.76	146	163510	42.941	ng		95
14) 1,2-Dichlorobenzene	9.10	146	156339	42.450	ng		94
15) Benzyl Alcohol	8.96	79	116023	49.108	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.26	45	101757	39.011	ng		74
17) 2-Methylphenol	9.16	107	99876	40.793	ng	#	91
18) Hexachloroethane	9.85	117	55419	47.356	ng	#	81
19) n-Nitroso-di-n-propylamine	9.54	70	87048	43.139	ng	#	89
20) 3+4-Methylphenols	9.50	107	137704	40.600	ng		94
22) Acetophenone	9.57	105	189098	45.932	ng	#	91
24) Nitrobenzene	9.97	77	134261	50.244	ng		89
25) Isophorone	10.49	82	237966	47.705	ng	#	85
26) 2-Nitrophenol	10.70	139	80837	51.054	ng	#	83
27) 2,4-Dimethylphenol	10.73	122	125631	50.000	ng		95
28) bis(2-Chloroethoxy)methane	10.97	93	141412	47.052	ng	#	92
29) 2,4-Dichlorophenol	11.24	162	159543	51.604	ng		89
30) 1,2,4-Trichlorobenzene	11.46	180	189062	47.350	ng		95
31) Naphthalene	11.66	128	404767	45.083	ng		98
32) Benzoic acid	10.80	122	6306m	8.042	ng		
33) 4-Chloroaniline	11.75	127	24388	6.334	ng		96
34) Hexachlorobutadiene	11.92	225	144572	50.411	ng		95
35) Caprolactam	12.50	113	36825	39.261	ng	#	47
36) 4-Chloro-3-methylphenol	12.83	107	140203	49.544	ng	#	83
37) 2-Methylnaphthalene	13.22	142	327989	46.014	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.57	216	255681	47.830	ng	#	97
40) Hexachlorocyclopentadiene	13.55	237	327051	108.625	ng		91

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Quant Time: Jan 25 07:41:56 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	151989	50.602	ng		97
43) 2,4,5-Trichlorophenol	13.88	196	164423	47.294	ng	#	90
45) 1,1'-Biphenyl	14.20	154	462810	44.022	ng		94
46) 2-Chloronaphthalene	14.25	162	357426	43.703	ng		97
47) 2-Nitroaniline	14.44	65	83299	53.203	ng	#	77
48) Acenaphthylene	15.09	152	535467	42.995	ng		98
49) Dimethylphthalate	14.79	163	481069	44.828	ng	#	99
50) 2,6-Dinitrotoluene	14.92	165	107505	48.263	ng	#	75
51) Acenaphthene	15.43	154	364160	44.220	ng		99
52) 3-Nitroaniline	15.25	138	26657	13.250	ng	#	76
53) 2,4-Dinitrophenol	15.45	184	47091	45.439	ng	#	85
54) Dibenzofuran	15.75	168	572367	46.591	ng		99
55) 4-Nitrophenol	15.54	139	140022	95.503	ng	#	79
56) 2,4-Dinitrotoluene	15.70	165	152210	50.755	ng	#	69
57) Fluorene	16.40	166	455927	45.251	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.97	232	171983	53.474	ng	#	85
59) Diethylphthalate	16.14	149	463400	44.542	ng		94
60) 4-Chlorophenyl-phenylether	16.38	204	292437	47.315	ng		93
61) 4-Nitroaniline	16.41	138	71949	37.282	ng		85
62) Azobenzene	16.67	77	301665	46.326	ng		85
64) 4,6-Dinitro-2-methylphenol	16.45	198	52309	28.002	ng	#	72
65) n-Nitrosodiphenylamine	16.59	169	426248	44.237	ng		98
66) 4-Bromophenyl-phenylether	17.27	248	211724	46.862	ng		95
67) Hexachlorobenzene	17.40	284	215250	43.063	ng	#	89
68) Atrazine	17.52	200	200031	49.363	ng		97
69) Pentachlorophenol	17.73	266	241953	75.729	ng		98
70) Phenanthrene	18.14	178	786605	44.492	ng		99
71) Anthracene	18.23	178	806473	45.736	ng		98
72) Carbazole	18.49	167	696217	45.514	ng		99
73) Di-n-butylphthalate	19.00	149	788858	43.643	ng		99
74) Fluoranthene	20.10	202	1053439	47.590	ng		94
76) Benzidine	20.26	184	75788	7.516	ng		98
77) Pyrene	20.46	202	1068235	42.140	ng		99
79) Butylbenzylphthalate	21.32	149	367411	40.453	ng	#	76
80) Benzo(a)anthracene	22.41	228	1133400	45.195	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	97253	10.381	ng	#	97
82) Chrysene	22.48	228	1064469	44.198	ng		98
83) Bis(2-ethylhexyl)phthalate	22.25	149	514942	38.663	ng	#	97
84) Di-n-octyl phthalate	23.62	149	889593	42.055	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.39	276	1426029	48.382	ng	#	87
87) Benzo(b)fluoranthene	24.93	252	1229140	46.886	ng	#	96
88) Benzo(k)fluoranthene	25.01	252	1148922	44.850	ng	#	94
89) Benzo(a)pyrene	25.94	252	1170123	47.184	ng	#	96
90) Dibenzo(a,h)anthracene	30.47	278	1189623	49.780	ng	#	95
91) Benzo(g,h,i)perylene	31.73	276	1186887	48.593	ng	#	92

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

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