Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031675.D
Acq On : 21 Dec 2017 16:13
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/22/2017 12:44:05 PM

Quant Time: Dec 22 10:26:47 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 14:09:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	51595m	20.00	ng		0.00
21) Naphthalene-d8	11.73	136	223673	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	158662	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	395753	20.00	ng		0.00
75) Chrysene-d12	22.57	240	435051	20.00	ng		0.00
86) Perylene-d12	26.35	264	478541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	212828	75.13	ng		0.00
7) Phenol-d6	7.92	99	290953	79.11	ng		0.00
23) Nitrobenzene-d5	10.03	82	236075	79.70	ng		0.00
41) 2,4,6-Tribromophenol	16.94	330	198068	81.81	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	953308	75.41	ng		0.00
78) Terphenyl-d14	20.74	244	1447759	76.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.89	88	37213	35.439	ng	#	73
3) Pyridine	4.35	79	114072	40.641	ng	#	81
4) n-Nitrosodimethylamine	4.25	42	44560	39.342	ng	#	75
6) Aniline	8.12	93	181325	38.320	ng		91
8) 2-Chlorophenol	8.37	128	127379	38.765	ng		81
9) Benzaldehyde	7.93	77	86072m	38.866	ng		
10) Phenol	7.95	94	143785	38.723	ng		93
11) bis(2-Chloroethyl)ether	8.22	93	117037	37.953	ng	#	80
12) 1,3-Dichlorobenzene	8.72	146	152534m	37.381	ng		
13) 1,4-Dichlorobenzene	8.87	146	156908m	37.643	ng		
14) 1,2-Dichlorobenzene	9.20	146	151587	38.380	ng		95
15) Benzyl Alcohol	9.06	79	112161	40.625	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.37	45	90761m	36.142	ng		
17) 2-Methylphenol	9.26	107	105495	39.707	ng		97
18) Hexachloroethane	9.96	117	46105	36.520	ng	#	81
19) n-Nitroso-di-n-propylamine	9.65	70	96751m	38.520	ng		
20) 3+4-Methylphenols	9.60	107	148028	39.202	ng		94
22) Acetophenone	9.67	105	200852	38.651	ng	#	85
24) Nitrobenzene	10.08	77	124336	40.728	ng	#	86
25) Isophorone	10.60	82	250142	39.229	ng	#	88
26) 2-Nitrophenol	10.80	139	64970	40.590	ng	#	79
27) 2,4-Dimethylphenol	10.83	122	127287	37.791	ng		89
28) bis(2-Chloroethoxy)methane	11.08	93	162747	38.038	ng	#	93
29) 2,4-Dichlorophenol	11.34	162	154663	39.114	ng		91
30) 1,2,4-Trichlorobenzene	11.57	180	186912	38.714	ng		95
31) Naphthalene	11.77	128	435992	38.624	ng		100
32) Benzoic acid	10.95	122	86040	38.929	ng	#	83
33) 4-Chloroaniline	11.86	127	192412	38.286	ng	#	91
34) Hexachlorobutadiene	12.04	225	128082	38.642	ng		95
35) Caprolactam	12.61	113	46480	38.779	ng	#	55
36) 4-Chloro-3-methylphenol	12.92	107	145101	39.733	ng	#	86
37) 2-Methylnaphthalene	13.33	142	357810	39.101	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	254844	38.133	ng	#	96
40) Hexachlorocyclopentadiene	13.66	237	138424	39.263	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.90	196	151479	39.313	ng		99
43) 2,4,5-Trichlorophenol	13.98	196	164825	38.600	ng	#	91
45) 1,1'-Biphenyl	14.30	154	516542	38.118	ng		96
46) 2-Chloronaphthalene	14.36	162	392879	38.010	ng		94
47) 2-Nitroaniline	14.54	65	71491	40.047	ng	#	65
48) Acenaphthylene	15.20	152	623780	37.722	ng		98
49) Dimethylphthalate	14.90	163	530282	37.938	ng	#	98
50) 2,6-Dinitrotoluene	15.02	165	105601	41.069	ng	#	67
51) Acenaphthene	15.53	154	411613	38.007	ng		98
52) 3-Nitroaniline	15.35	138	98860	39.407	ng	#	76
53) 2,4-Dinitrophenol	15.54	184	36824	38.127	ng	#	1
54) Dibenzofuran	15.86	168	627968	37.826	ng		98
55) 4-Nitrophenol	15.62	139	82249	40.282	ng	#	66
56) 2,4-Dinitrotoluene	15.80	165	137890	41.704	ng	#	63
57) Fluorene	16.50	166	507016	37.595	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.07	232	164477	39.480	ng	#	84
59) Diethylphthalate	16.24	149	518918	38.090	ng		97
60) 4-Chlorophenyl-phenylether	16.48	204	313869	38.036	ng		93
61) 4-Nitroaniline	16.50	138	103219	42.163	ng		82
62) Azobenzene	16.78	77	328788	37.632	ng		83
64) 4,6-Dinitro-2-methylphenol	16.55	198	71918	39.197	ng	#	66
65) n-Nitrosodiphenylamine	16.70	169	493021	37.510	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	220709	38.567	ng		94
67) Hexachlorobenzene	17.50	284	224872	38.438	ng	#	92
68) Atrazine	17.62	200	193140	37.790	ng		94
69) Pentachlorophenol	17.84	266	161990	40.257	ng		98
70) Phenanthrene	18.25	178	840013	37.506	ng		100
71) Anthracene	18.33	178	845466	37.422	ng		98
72) Carbazole	18.59	167	753198	37.667	ng		99
73) Di-n-butylphthalate	19.11	149	842925	37.931	ng		99
74) Fluoranthene	20.20	202	1030671	37.505	ng		95
76) Benzidine	20.36	184	513944	38.274	ng		96
77) Pyrene	20.56	202	1046956	37.674	ng		99
79) Butylbenzylphthalate	21.44	149	363906	39.008	ng	#	75
80) Benzo(a)anthracene	22.54	228	1063017	38.412	ng		98
81) 3,3'-Dichlorobenzidine	22.43	252	415251	38.701	ng	#	96
82) Chrysene	22.62	228	997432	38.093	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	519869	38.464	ng	#	96
84) Di-n-octyl phthalate	23.85	149	893594	39.258	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.77	276	1356258	40.374	ng	#	87
87) Benzo(b)fluoranthene	25.14	252	1118751	37.662	ng	#	97
88) Benzo(k)fluoranthene	25.23	252	1141871	38.411	ng	#	98
89) Benzo(a)pyrene	26.18	252	1076984	37.856	ng	#	96
90) Dibenzo(a,h)anthracene	30.87	278	1143231	38.909	ng	#	94
91) Benzo(g,h,i)perylene	30.77	276	1356258	39.096	ng	#	93

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

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