Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031667.D
Acq On : 21 Dec 2017 11:02
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
12/22/2017 12:43:55 PM

Quant Time: Dec 21 13:03:01 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 12:17:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.84	152	57125m	20.00	ng		0.00
21) Naphthalene-d8	11.72	136	247347	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	170691	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	418061	20.00	ng		0.00
75) Chrysene-d12	22.57	240	457360	20.00	ng		0.00
86) Perylene-d12	26.36	264	495113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.25	112	250363	77.68	ng		0.00
7) Phenol-d6	7.93	99	335030	74.88	ng		0.00
23) Nitrobenzene-d5	10.04	82	270390	67.38	ng		0.00
41) 2,4,6-Tribromophenol	16.94	330	210003	105.02	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	1058335	91.01	ng		0.00
78) Terphenyl-d14	20.74	244	1571710	78.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	44611	29.011	ng	#	74
3) Pyridine	4.36	79	130699	32.282	ng	#	78
4) n-Nitrosodimethylamine	4.26	42	50906	26.694	ng	#	75
6) Aniline	8.12	93	214835	36.462	ng		91
8) 2-Chlorophenol	8.38	128	146243	40.681	ng	#	82
9) Benzaldehyde	7.93	77	99649m	38.425	ng		
10) Phenol	7.96	94	166036	36.126	ng		89
11) bis(2-Chloroethyl)ether	8.22	93	136816	36.473	ng	#	83
12) 1,3-Dichlorobenzene	8.72	146	180070m	42.121	ng		
13) 1,4-Dichlorobenzene	8.87	146	181426m	40.834	ng		
14) 1,2-Dichlorobenzene	9.20	146	174046	41.123	ng		95
15) Benzyl Alcohol	9.07	79	127016	36.292	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.36	45	110686	26.265	ng		82
17) 2-Methylphenol	9.26	107	120219	38.372	ng		97
18) Hexachloroethane	9.97	117	54156	36.160	ng	#	79
19) n-Nitroso-di-n-propylamine	9.66	70	111503m	31.664	ng		
20) 3+4-Methylphenols	9.60	107	172060	36.866	ng		95
22) Acetophenone	9.68	105	228774	38.554	ng	#	86
24) Nitrobenzene	10.08	77	140278	34.113	ng	#	84
25) Isophorone	10.61	82	284838	37.558	ng	#	85
26) 2-Nitrophenol	10.81	139	71896	35.358	ng	#	81
27) 2,4-Dimethylphenol	10.84	122	145393	47.069	ng		88
28) bis(2-Chloroethoxy)methane	11.09	93	188079	38.413	ng		96
29) 2,4-Dichlorophenol	11.34	162	177775	48.849	ng		88
30) 1,2,4-Trichlorobenzene	11.58	180	212388	45.688	ng		98
31) Naphthalene	11.78	128	497538	40.945	ng		99
32) Benzoic acid	10.95	122	97525	59.593	ng	#	80
33) 4-Chloroaniline	11.86	127	222443	42.160	ng	#	90
34) Hexachlorobutadiene	12.04	225	144958	47.010	ng		98
35) Caprolactam	12.61	113	54488	38.129	ng	#	53
36) 4-Chloro-3-methylphenol	12.93	107	162225	39.052	ng	#	77
37) 2-Methylnaphthalene	13.33	142	400364	42.554	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	283191	42.451	ng	#	96
40) Hexachlorocyclopentadiene	13.66	237	154593	99.477	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.90	196	166775	48.932	ng		99
43) 2,4,5-Trichlorophenol	13.98	196	184391	50.223	ng	#	90
45) 1,1'-Biphenyl	14.31	154	577387	41.185	ng		96
46) 2-Chloronaphthalene	14.36	162	438427	42.727	ng		95
47) 2-Nitroaniline	14.54	65	77960	27.038	ng	#	64
48) Acenaphthylene	15.20	152	698562	42.309	ng		98
49) Dimethylphthalate	14.90	163	590444	41.782	ng	#	99
50) 2,6-Dinitrotoluene	15.02	165	112590	37.275	ng	#	65
51) Acenaphthene	15.53	154	459401	44.004	ng		99
52) 3-Nitroaniline	15.35	138	110133	35.768	ng	#	73
53) 2,4-Dinitrophenol	15.55	184	38386	38.878	ng	#	1
54) Dibenzofuran	15.86	168	699405	41.982	ng		97
55) 4-Nitrophenol	15.62	139	90972	48.040	ng	#	69
56) 2,4-Dinitrotoluene	15.80	165	147355	34.347	ng	#	65
57) Fluorene	16.51	166	564461	42.286	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.07	232	177838	51.533	ng	#	85
59) Diethylphthalate	16.25	149	577660	40.781	ng		96
60) 4-Chlorophenyl-phenylether	16.49	204	347985	42.609	ng		90
61) 4-Nitroaniline	16.51	138	112333	34.765	ng		80
62) Azobenzene	16.78	77	371018	31.619	ng		84
64) 4,6-Dinitro-2-methylphenol	16.55	198	73042	31.196	ng	#	68
65) n-Nitrosodiphenylamine	16.69	169	551693	45.085	ng		97
66) 4-Bromophenyl-phenylether	17.38	248	240344	49.440	ng		93
67) Hexachlorobenzene	17.51	284	245607	48.927	ng	#	88
68) Atrazine	17.62	200	215802	48.231	ng		98
69) Pentachlorophenol	17.83	266	177035	84.427	ng		99
70) Phenanthrene	18.25	178	935274	42.836	ng		99
71) Anthracene	18.34	178	941822	43.615	ng		99
72) Carbazole	18.59	167	839812	42.976	ng		100
73) Di-n-butylphthalate	19.12	149	933227	41.354	ng		99
74) Fluoranthene	20.20	202	1135609	41.560	ng		96
76) Benzidine	20.36	184	578759	54.376	ng		97
77) Pyrene	20.56	202	1155485	40.660	ng		97
79) Butylbenzylphthalate	21.45	149	394580	39.579	ng	#	75
80) Benzo(a)anthracene	22.55	228	1146696	41.538	ng		99
81) 3,3'-Dichlorobenzidine	22.44	252	452410	47.088	ng	#	94
82) Chrysene	22.62	228	1089670	41.175	ng		97
83) Bis(2-ethylhexyl)phthalate	22.42	149	570867	39.801	ng	#	97
84) Di-n-octyl phthalate	23.85	149	970339	41.013	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.78	276	1425054m	50.386	ng		
87) Benzo(b)fluoranthene	25.15	252	1197116	40.442	ng	#	97
88) Benzo(k)fluoranthene	25.23	252	1221776	40.446	ng	#	96
89) Benzo(a)pyrene	26.18	252	1163326	41.429	ng	#	98
90) Dibenzo(a,h)anthracene	30.88	278	1202166	44.770	ng		96
91) Benzo(g,h,i)perylene	30.78	276	1426206m	54.025	ng		

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

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