Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
Data File : BG032655.D
Acq On : 13 Feb 2018 11:40
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/14/2018 10:30:59 AM

Quant Time: Feb 13 16:27:06 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	32113	20.00	ng		0.00
21) Naphthalene-d8	11.55	136	140242	20.00	ng		0.00
38) Acenaphthene-d10	15.31	164	100406	20.00	ng		0.00
63) Phenanthrene-d10	18.05	188	259647	20.00	ng		0.00
75) Chrysene-d12	22.37	240	318828	20.00	ng		0.00
86) Perylene-d12	26.01	264	331121	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.11	112	122635	76.62	ng		0.00
7) Phenol-d6	7.79	99	164427	75.13	ng		0.00
23) Nitrobenzene-d5	9.87	82	174549	79.10	ng		0.00
41) 2,4,6-Tribromophenol	16.79	330	125053	80.89	ng		0.00
44) 2-Fluorobiphenyl	13.94	172	623231	77.62	ng		0.00
78) Terphenyl-d14	20.59	244	1055566	75.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	23381	34.920	ng	#	80
3) Pyridine	4.24	79	64895	37.787	ng		93
4) n-Nitrosodimethylamine	4.15	42	31523	39.063	ng	#	66
6) Aniline	7.97	93	101732	39.329	ng		93
8) 2-Chlorophenol	8.22	128	73749	40.070	ng		86
9) Benzaldehyde	7.78	77	47780m	36.940	ng		
10) Phenol	7.82	94	83776	39.358	ng		82
11) bis(2-Chloroethyl)ether	8.06	93	68831	40.336	ng	#	81
12) 1,3-Dichlorobenzene	8.56	146	96797	37.290	ng		96
13) 1,4-Dichlorobenzene	8.71	146	97252	37.922	ng		94
14) 1,2-Dichlorobenzene	9.04	146	97615	37.739	ng		97
15) Benzyl Alcohol	8.91	79	63103	38.468	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.19	45	70126	38.183	ng		74
17) 2-Methylphenol	9.11	107	57502	38.145	ng	#	93
18) Hexachloroethane	9.79	117	34301	36.630	ng	#	86
19) n-Nitroso-di-n-propylamine	9.48	70	59340	40.330	ng	#	92
20) 3+4-Methylphenols	9.45	107	86481	37.958	ng		95
22) Acetophenone	9.51	105	115851	38.842	ng	#	97
24) Nitrobenzene	9.91	77	86912	37.618	ng		94
25) Isophorone	10.43	82	158104	37.580	ng	#	88
26) 2-Nitrophenol	10.63	139	47000m	38.035	ng		
27) 2,4-Dimethylphenol	10.68	122	64122	39.497	ng		96
28) bis(2-Chloroethoxy)methane	10.91	93	80960	37.644	ng	#	95
29) 2,4-Dichlorophenol	11.18	162	87773	36.939	ng		85
30) 1,2,4-Trichlorobenzene	11.40	180	125684	37.729	ng		96
31) Naphthalene	11.60	128	258509	37.962	ng		98
32) Benzoic acid	10.81	122	43541	34.796	ng	#	85
33) 4-Chloroaniline	11.70	127	107666	39.847	ng		97
34) Hexachlorobutadiene	11.87	225	101604	37.216	ng		96
35) Caprolactam	12.45	113	25810	38.250	ng	#	67
36) 4-Chloro-3-methylphenol	12.78	107	85380	39.947	ng		96
37) 2-Methylnaphthalene	13.17	142	210638	38.134	ng		88
39) 1,2,4,5-Tetrachlorobenzene	13.52	216	180911	38.148	ng	#	96
40) Hexachlorocyclopentadiene	13.50	237	113096	37.685	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.75	196	92380	39.029	ng		99
43) 2,4,5-Trichlorophenol	13.82	196	114224	38.724	ng	#	92
45) 1,1'-Biphenyl	14.15	154	322514	39.038	ng		95
46) 2-Chloronaphthalene	14.20	162	252408	38.609	ng		96
47) 2-Nitroaniline	14.39	65	59359	41.742	ng	#	86
48) Acenaphthylene	15.03	152	372012	38.679	ng		99
49) Dimethylphthalate	14.74	163	337721	38.912	ng	#	97
50) 2,6-Dinitrotoluene	14.87	165	72036	40.301	ng	#	79
51) Acenaphthene	15.37	154	259463	39.502	ng		98
52) 3-Nitroaniline	15.21	138	57657	36.528	ng	#	79
53) 2,4-Dinitrophenol	15.41	184	29560	37.724	ng	#	71
54) Dibenzofuran	15.70	168	383558	39.249	ng		99
55) 4-Nitrophenol	15.50	139	40767	37.921	ng	#	81
56) 2,4-Dinitrotoluene	15.65	165	102638	41.675	ng	#	74
57) Fluorene	16.35	166	315341	39.238	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.92	232	109420	39.401	ng	#	82
59) Diethylphthalate	16.09	149	332478	39.370	ng		97
60) 4-Chlorophenyl-phenylether	16.33	204	206306	38.881	ng		93
61) 4-Nitroaniline	16.37	138	64656	39.730	ng	#	79
62) Azobenzene	16.62	77	213249	39.304	ng		82
64) 4,6-Dinitro-2-methylphenol	16.41	198	66353	36.480	ng		74
65) n-Nitrosodiphenylamine	16.54	169	287061	37.697	ng		99
66) 4-Bromophenyl-phenylether	17.22	248	142430	38.330	ng		94
67) Hexachlorobenzene	17.34	284	150073	37.602	ng		94
68) Atrazine	17.47	200	129311	39.591	ng		96
69) Pentachlorophenol	17.68	266	92930	38.034	ng		98
70) Phenanthrene	18.09	178	530188	38.012	ng		99
71) Anthracene	18.18	178	539629	37.812	ng		98
72) Carbazole	18.44	167	464932	38.209	ng		99
73) Di-n-butylphthalate	18.95	149	529044	38.615	ng		99
74) Fluoranthene	20.05	202	709147	38.084	ng		96
76) Benzidine	20.22	184	306096	40.771	ng		97
77) Pyrene	20.41	202	718664	37.888	ng		99
79) Butylbenzylphthalate	21.27	149	238252	38.130	ng	#	78
80) Benzo(a)anthracene	22.34	228	751546	37.648	ng		99
81) 3,3'-Dichlorobenzidine	22.24	252	292209	39.196	ng	#	96
82) Chrysene	22.42	228	730368	37.105	ng		98
83) Bis(2-ethylhexyl)phthalate	22.19	149	344225	38.203	ng	#	98
84) Di-n-octyl phthalate	23.55	149	550021	38.907	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.23	276	893347	38.312	ng	#	86
87) Benzo(b)fluoranthene	24.85	252	765380	38.787	ng	#	95
88) Benzo(k)fluoranthene	24.92	252	787555	38.563	ng	#	96
89) Benzo(a)pyrene	25.84	252	758029	39.431	ng	#	95
90) Dibenzo(a,h)anthracene	30.31	278	752589	39.323	ng	#	94
91) Benzo(g,h,i)perylene	31.56	276	733251	39.633	ng	#	92

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

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