Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
Data File : BG032507.D
Acq On : 2 Feb 2018 10:53
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/5/2018 11:14:58 AM

Quant Time: Feb 02 22:00:17 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	32848	20.00	ng		-0.01
21) Naphthalene-d8	11.59	136	132316	20.00	ng		-0.01
38) Acenaphthene-d10	15.34	164	90516	20.00	ng		-0.01
63) Phenanthrene-d10	18.08	188	233203	20.00	ng		0.00
75) Chrysene-d12	22.41	240	290692	20.00	ng		0.00
86) Perylene-d12	26.08	264	325782	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	131610	80.48	ng		0.00
7) Phenol-d6	7.84	99	169248	77.55	ng		0.00
23) Nitrobenzene-d5	9.92	82	169544	80.03	ng		0.00
41) 2,4,6-Tribromophenol	16.82	330	143578	83.33	ng		-0.01
44) 2-Fluorobiphenyl	13.97	172	613759	80.59	ng		-0.01
78) Terphenyl-d14	20.62	244	1059294	78.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	21608	39.270	ng	#	74
3) Pyridine	4.27	79	57997	39.036	ng	#	81
4) n-Nitrosodimethylamine	4.18	42	31879	41.218	ng	#	69
6) Aniline	8.01	93	100330	36.874	ng		98
8) 2-Chlorophenol	8.26	128	78405	40.558	ng	#	80
9) Benzaldehyde	7.82	77	42443	37.655	ng		92
10) Phenol	7.86	94	83667	40.371	ng		96
11) bis(2-Chloroethyl)ether	8.10	93	63957	40.503	ng	#	76
12) 1,3-Dichlorobenzene	8.60	146	104487	39.967	ng		96
13) 1,4-Dichlorobenzene	8.75	146	102427	39.090	ng		96
14) 1,2-Dichlorobenzene	9.08	146	103772	40.427	ng		97
15) Benzyl Alcohol	8.95	79	66684	37.076	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.24	45	54042	36.117	ng		65
17) 2-Methylphenol	9.16	107	59833m	35.547	ng		
18) Hexachloroethane	9.83	117	36050	40.977	ng	#	81
19) n-Nitroso-di-n-propylamine	9.53	70	51779	35.784	ng	#	94
20) 3+4-Methylphenols	9.49	107	88743	37.587	ng		90
22) Acetophenone	9.56	105	119049	38.382	ng	#	93
24) Nitrobenzene	9.96	77	81960	40.011	ng	#	84
25) Isophorone	10.47	82	136985	37.977	ng	#	82
26) 2-Nitrophenol	10.68	139	50924	41.125	ng	#	78
27) 2,4-Dimethylphenol	10.72	122	67151	37.782	ng		96
28) bis(2-Chloroethoxy)methane	10.95	93	75799	38.321	ng	#	94
29) 2,4-Dichlorophenol	11.23	162	95046	40.369	ng		90
30) 1,2,4-Trichlorobenzene	11.44	180	127870	40.748	ng		97
31) Naphthalene	11.64	128	256991	39.767	ng		99
32) Benzoic acid	10.87	122	43078m	34.844	ng		
33) 4-Chloroaniline	11.74	127	109186	37.881	ng	#	91
34) Hexachlorobutadiene	11.91	225	102911	42.151	ng		98
35) Caprolactam	12.50	113	24564	36.343	ng	#	44
36) 4-Chloro-3-methylphenol	12.82	107	84716	37.933	ng	#	89
37) 2-Methylnaphthalene	13.21	142	212318	39.107	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	174017	41.094	ng	#	96
40) Hexachlorocyclopentadiene	13.53	237	106868	40.391	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	91068	39.537	ng		98
43) 2,4,5-Trichlorophenol	13.87	196	111303	41.452	ng	#	91
45) 1,1'-Biphenyl	14.19	154	313835	41.039	ng		94
46) 2-Chloronaphthalene	14.24	162	243821	40.679	ng		98
47) 2-Nitroaniline	14.43	65	55419	41.811	ng	#	73
48) Acenaphthylene	15.08	152	364449	40.221	ng		99
49) Dimethylphthalate	14.78	163	321764	38.553	ng		100
50) 2,6-Dinitrotoluene	14.91	165	70248	40.102	ng	#	81
51) Acenaphthene	15.41	154	254290	40.466	ng		98
52) 3-Nitroaniline	15.25	138	60903	39.804	ng	#	74
53) 2,4-Dinitrophenol	15.44	184	33535	33.200	ng	#	70
54) Dibenzofuran	15.74	168	366699	39.425	ng		96
55) 4-Nitrophenol	15.54	139	40136	35.038	ng	#	72
56) 2,4-Dinitrotoluene	15.68	165	100652	40.356	ng	#	70
57) Fluorene	16.38	166	302281	39.110	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.96	232	103554	39.102	ng	#	86
59) Diethylphthalate	16.12	149	313319	38.545	ng		98
60) 4-Chlorophenyl-phenylether	16.36	204	192611	39.520	ng		96
61) 4-Nitroaniline	16.40	138	63317	38.609	ng	#	79
62) Azobenzene	16.65	77	194338	40.006	ng		83
64) 4,6-Dinitro-2-methylphenol	16.45	198	61766	35.453	ng	#	71
65) n-Nitrosodiphenylamine	16.58	169	279831	40.208	ng		98
66) 4-Bromophenyl-phenylether	17.25	248	140603	40.697	ng		94
67) Hexachlorobenzene	17.38	284	153943	40.264	ng	#	91
68) Atrazine	17.50	200	121402	40.635	ng		93
69) Pentachlorophenol	17.72	266	91784	38.322	ng		96
70) Phenanthrene	18.12	178	509598	39.185	ng		99
71) Anthracene	18.22	178	515877	39.838	ng		99
72) Carbazole	18.48	167	451501	39.462	ng		99
73) Di-n-butylphthalate	18.98	149	521842	41.195	ng		99
74) Fluoranthene	20.09	202	677357	39.716	ng		95
76) Benzidine	20.25	184	217633	38.128	ng		99
77) Pyrene	20.44	202	688548	38.619	ng		99
79) Butylbenzylphthalate	21.30	149	235388	41.856	ng	#	76
80) Benzo(a)anthracene	22.39	228	726556	40.316	ng		98
81) 3,3'-Dichlorobenzidine	22.28	252	280450	40.166	ng	#	98
82) Chrysene	22.47	228	691966	39.760	ng		98
83) Bis(2-ethylhexyl)phthalate	22.22	149	337852	42.369	ng	#	96
84) Di-n-octyl phthalate	23.59	149	547786	43.311	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.34	276	928100	42.155	ng	#	84
87) Benzo(b)fluoranthene	24.91	252	774560	39.349	ng	#	94
88) Benzo(k)fluoranthene	24.99	252	773612	39.673	ng	#	96
89) Benzo(a)pyrene	25.91	252	750056	39.968	ng	#	95
90) Dibenzo(a,h)anthracene	30.42	278	775710	40.407	ng	#	94
91) Benzo(g,h,i)perylene	31.69	276	756854	39.719	ng	#	90

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

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