Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
Data File : BG033131.D
Acq On : 14 Mar 2018 1:33
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/14/2018 1:31:44 PM

Quant Time: Mar 14 04:19:15 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	55276	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	252703	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	143093	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	322725	20.00	ng		0.00
75) Chrysene-d12	22.61	240	305770	20.00	ng		0.00
86) Perylene-d12	26.41	264	334805	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	272049	78.74	ng		0.00
7) Phenol-d6	8.02	99	363607	75.50	ng		0.01
23) Nitrobenzene-d5	10.11	82	340454	92.50	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	115883	77.02	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	731667	73.75	ng		0.00
78) Terphenyl-d14	20.77	244	972980	71.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	50766	33.856	ng		95
3) Pyridine	4.44	79	153912	37.241	ng		85
4) n-Nitrosodimethylamine	4.33	42	75643	45.651	ng	#	82
6) Aniline	8.20	93	230335	35.334	ng		97
8) 2-Chlorophenol	8.46	128	147208	38.926	ng		95
9) Benzaldehyde	8.01	77	111905	40.317	ng		94
10) Phenol	8.05	94	187033	38.526	ng		98
11) bis(2-Chloroethyl)ether	8.29	93	137035	34.520	ng		97
12) 1,3-Dichlorobenzene	8.80	146	159621	36.036	ng		99
13) 1,4-Dichlorobenzene	8.95	146	161151	36.144	ng		96
14) 1,2-Dichlorobenzene	9.28	146	153457	35.917	ng		96
15) Benzyl Alcohol	9.15	79	141598	39.995	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.43	45	276272	40.484	ng		98
17) 2-Methylphenol	9.35	107	135594	37.877	ng		97
18) Hexachloroethane	10.04	117	57558	37.915	ng	#	82
19) n-Nitroso-di-n-propylamine	9.73	70	126009	37.063	ng	#	87
20) 3+4-Methylphenols	9.68	107	190809	38.334	ng		98
22) Acetophenone	9.75	105	237356	37.192	ng	#	95
24) Nitrobenzene	10.16	77	177488	44.568	ng		95
25) Isophorone	10.68	82	326247	36.782	ng		97
26) 2-Nitrophenol	10.88	139	85040	56.260	ng		98
27) 2,4-Dimethylphenol	10.92	122	140699	36.516	ng		91
28) bis(2-Chloroethoxy)methane	11.16	93	177987	34.446	ng		95
29) 2,4-Dichlorophenol	11.42	162	139437	39.873	ng		94
30) 1,2,4-Trichlorobenzene	11.65	180	149930	36.575	ng		94
31) Naphthalene	11.85	128	475439	36.005	ng		99
32) Benzoic acid	10.97	122	13886m	12.492	ng		
33) 4-Chloroaniline	11.94	127	206338	34.948	ng		97
34) Hexachlorobutadiene	12.11	225	90250	39.250	ng		93
35) Caprolactam	12.69	113	41101	29.352	ng		96
36) 4-Chloro-3-methylphenol	13.00	107	164728	40.478	ng		98
37) 2-Methylnaphthalene	13.40	142	341058	35.701	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	161572	38.037	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	50518	23.336	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	103447	38.617	ng		99
43) 2,4,5-Trichlorophenol	14.05	196	128977	41.600	ng		96
45) 1,1'-Biphenyl	14.37	154	452548	36.192	ng		96
46) 2-Chloronaphthalene	14.43	162	336047	35.977	ng		96
47) 2-Nitroaniline	14.61	65	125426	52.171	ng		95
48) Acenaphthylene	15.26	152	557707	36.469	ng		98
49) Dimethylphthalate	14.95	163	436570	35.932	ng		99
50) 2,6-Dinitrotoluene	15.08	165	94887	47.335	ng		93
51) Acenaphthene	15.59	154	336564	35.339	ng		98
52) 3-Nitroaniline	15.42	138	107837	44.077	ng	#	89
53) 2,4-Dinitrophenol	15.62	184	4393	12.736	ng	#	1
54) Dibenzofuran	15.92	168	496202	36.590	ng		93
55) 4-Nitrophenol	15.69	139	55729m	32.611	ng		
56) 2,4-Dinitrotoluene	15.86	165	134776	55.140	ng	#	91
57) Fluorene	16.56	166	407403	36.399	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.13	232	65258m	27.110	ng		
59) Diethylphthalate	16.29	149	475629	37.115	ng		98
60) 4-Chlorophenyl-phenylether	16.53	204	205461	37.525	ng		90
61) 4-Nitroaniline	16.57	138	106749	41.403	ng		94
62) Azobenzene	16.83	77	422149	36.822	ng		96
64) 4,6-Dinitro-2-methylphenol	16.62	198	13235	20.380	ng		90
65) n-Nitrosodiphenylamine	16.75	169	374516	35.673	ng		99
66) 4-Bromophenyl-phenylether	17.43	248	127330	37.313	ng	#	85
67) Hexachlorobenzene	17.56	284	139594	37.854	ng	#	93
68) Atrazine	17.67	200	119050	34.449	ng		96
69) Pentachlorophenol	17.90	266	48179m	20.742	ng		
70) Phenanthrene	18.30	178	640945	35.598	ng		98
71) Anthracene	18.39	178	648854	35.896	ng		99
72) Carbazole	18.64	167	622838	34.958	ng		98
73) Di-n-butylphthalate	19.14	149	795399	36.390	ng		99
74) Fluoranthene	20.25	202	718963	36.149	ng		95
76) Benzidine	20.41	184	272699	26.164	ng		97
77) Pyrene	20.60	202	741924	34.407	ng		98
79) Butylbenzylphthalate	21.46	149	327314	34.237	ng		94
80) Benzo(a)anthracene	22.59	228	705385	35.975	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	243458	33.525	ng	#	98
82) Chrysene	22.67	228	678988	36.251	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	530009	37.452	ng		97
84) Di-n-octyl phthalate	23.82	149	742015	34.400	ng		99
85) Indeno(1,2,3-cd)pyrene	30.84	276	726998	33.282	ng	#	80
87) Benzo(b)fluoranthene	25.19	252	688180	34.764	ng		98
88) Benzo(k)fluoranthene	25.28	252	718215	36.506	ng	#	97
89) Benzo(a)pyrene	26.23	252	669246	35.544	ng	#	97
90) Dibenzo(a,h)anthracene	30.91	278	618520m	32.636	ng		
91) Benzo(g,h,i)perylene	32.22	276	604201m	32.340	ng		

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

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