Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034077.D
Acq On : 1 May 2018 13:48
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
5/2/2018 4:50:32 PM

Quant Time: May 01 16:04:30 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 15:30:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	56324	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	236390	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	195238	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	507246	20.00	ng		0.00
75) Chrysene-d12	21.77	240	537997	20.00	ng		0.00
86) Perylene-d12	25.07	264	536361	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	174097	49.35	ng		0.00
7) Phenol-d6	7.22	99	271274	52.72	ng		0.00
23) Nitrobenzene-d5	9.24	82	303861	73.15	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	131813	57.87	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	658813	49.57	ng		0.00
78) Terphenyl-d14	20.09	244	1275261	53.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	33307	22.343	ng	#	88
3) Pyridine	3.95	79	117340	27.205	ng	#	83
4) n-Nitrosodimethylamine	3.86	42	62649	31.882	ng	#	71
6) Aniline	7.40	93	186304	27.086	ng		98
8) 2-Chlorophenol	7.64	128	84729	21.434	ng	#	79
9) Benzaldehyde	7.21	77	88569	31.564	ng	#	83
10) Phenol	7.25	94	137542	26.092	ng		83
11) bis(2-Chloroethyl)ether	7.50	93	103735	25.730	ng		97
12) 1,3-Dichlorobenzene	7.97	146	108653	23.877	ng	#	87
13) 1,4-Dichlorobenzene	8.11	146	109043	23.658	ng		91
14) 1,2-Dichlorobenzene	8.44	146	101608	22.669	ng		86
15) Benzyl Alcohol	8.31	79	146617	32.676	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.61	45	150630	19.156	ng		90
17) 2-Methylphenol	8.51	107	92000m	23.551	ng		
18) Hexachloroethane	9.17	117	42447	25.203	ng		96
19) n-Nitroso-di-n-propylamine	8.88	70	123973	28.264	ng	#	93
20) 3+4-Methylphenols	8.83	107	133843	23.580	ng		88
22) Acetophenone	8.90	105	204538	31.791	ng	#	96
24) Nitrobenzene	9.28	77	166692	36.827	ng	#	82
25) Isophorone	9.81	82	309200	33.109	ng	#	95
26) 2-Nitrophenol	9.99	139	42526	23.778	ng	#	67
27) 2,4-Dimethylphenol	10.05	122	93955	28.086	ng		93
28) bis(2-Chloroethoxy)methane	10.30	93	146308	29.644	ng		98
29) 2,4-Dichlorophenol	10.53	162	106249	28.491	ng		86
30) 1,2,4-Trichlorobenzene	10.75	180	125514	30.050	ng		94
31) Naphthalene	10.94	128	316645	26.048	ng		97
32) Benzoic acid	10.15	122	64905	20.998	ng	#	77
33) 4-Chloroaniline	11.04	127	145208	25.414	ng	#	83
34) Hexachlorobutadiene	11.24	225	109204	43.705	ng		93
35) Caprolactam	11.80	113	40453	25.514	ng	#	84
36) 4-Chloro-3-methylphenol	12.15	107	139572	30.665	ng		95
37) 2-Methylnaphthalene	12.55	142	256671	27.578	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	183321	28.277	ng		98
40) Hexachlorocyclopentadiene	12.90	237	104876	29.421	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	106323	26.898	ng		93
43) 2,4,5-Trichlorophenol	13.21	196	119249	26.242	ng		96
45) 1,1'-Biphenyl	13.56	154	373530	23.635	ng		97
46) 2-Chloronaphthalene	13.60	162	281273	23.472	ng		98
47) 2-Nitroaniline	13.79	65	110591	29.557	ng	#	77
48) Acenaphthylene	14.44	152	446094	22.395	ng		96
49) Dimethylphthalate	14.18	163	420884	24.507	ng		97
50) 2,6-Dinitrotoluene	14.29	165	80557	24.751	ng	#	75
51) Acenaphthene	14.79	154	304239	24.313	ng		92
52) 3-Nitroaniline	14.62	138	80033	22.646	ng	#	79
53) 2,4-Dinitrophenol	14.82	184	29547	25.385	ng	#	59
54) Dibenzofuran	15.12	168	443943	23.930	ng		93
55) 4-Nitrophenol	14.90	139	59976	21.639	ng	#	47
56) 2,4-Dinitrotoluene	15.07	165	106748	24.665	ng		95
57) Fluorene	15.77	166	387276	24.124	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.34	232	120347	28.924	ng		98
59) Diethylphthalate	15.54	149	445821	24.559	ng		98
60) 4-Chlorophenyl-phenylether	15.77	204	229300	27.308	ng		94
61) 4-Nitroaniline	15.78	138	86665	23.096	ng	#	49
62) Azobenzene	16.06	77	480415	29.688	ng		94
64) 4,6-Dinitro-2-methylphenol	15.84	198	53782	24.005	ng		81
65) n-Nitrosodiphenylamine	15.98	169	343448	23.289	ng		100
66) 4-Bromophenyl-phenylether	16.66	248	156099	28.022	ng	#	88
67) Hexachlorobenzene	16.77	284	161688	27.217	ng		93
68) Atrazine	16.93	200	159484	27.605	ng		96
69) Pentachlorophenol	17.11	266	113619	27.843	ng		90
70) Phenanthrene	17.52	178	653490	24.015	ng		99
71) Anthracene	17.61	178	667357	24.524	ng		100
72) Carbazole	17.87	167	612723	23.339	ng	#	94
73) Di-n-butylphthalate	18.45	149	742305	22.728	ng	#	95
74) Fluoranthene	19.53	202	849229	25.799	ng		95
76) Benzidine	19.70	184	378547	26.057	ng		97
77) Pyrene	19.89	202	862296	24.437	ng		99
79) Butylbenzylphthalate	20.79	149	331695	21.405	ng		91
80) Benzo(a)anthracene	21.75	228	857938	25.289	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	328617	25.979	ng	#	99
82) Chrysene	21.82	228	832972	25.712	ng		99
83) Bis(2-ethylhexyl)phthalate	21.68	149	449745	20.550	ng		96
84) Di-n-octyl phthalate	22.94	149	719430	20.711	ng		98
85) Indeno(1,2,3-cd)pyrene	28.84	276	891072	24.164	ng	#	77
87) Benzo(b)fluoranthene	24.02	252	836852	25.575	ng	#	95
88) Benzo(k)fluoranthene	24.09	252	812151	24.987	ng	#	96
89) Benzo(a)pyrene	24.91	252	785413	25.063	ng	#	94
90) Dibenzo(a,h)anthracene	28.92	278	745471	24.585	ng	#	94
91) Benzo(g,h,i)perylene	30.02	276	720423	24.145	ng	#	91

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

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