Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034948.D
Acq On : 7 Jun 2018 11:16
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
6/8/2018 4:44:39 PM

Quant Time: Jun 07 11:56:09 2018
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 11:19:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	35758	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	140034	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	96229	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	243948	20.00	ng		0.00
75) Chrysene-d12	21.72	240	243303	20.00	ng		0.00
86) Perylene-d12	24.97	264	243907	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	207581	89.41	ng		0.00
7) Phenol-d6	7.23	99	309893	82.51	ng		0.00
23) Nitrobenzene-d5	9.25	82	309664	84.47	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	128324	77.43	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	731296	103.17	ng		0.00
78) Terphenyl-d14	20.06	244	1158345	104.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	47395	49.702	ng	#	77
3) Pyridine	3.96	79	139897	45.490	ng	#	78
4) n-Nitrosodimethylamine	3.88	42	59597	33.133	ng	#	87
6) Aniline	7.41	93	195550	39.887	ng		98
8) 2-Chlorophenol	7.64	128	106753	43.481	ng		97
9) Benzaldehyde	7.22	77	115560	44.532	ng		96
10) Phenol	7.26	94	157523	42.057	ng		92
11) bis(2-Chloroethyl)ether	7.50	93	121809	43.049	ng		91
12) 1,3-Dichlorobenzene	7.97	146	128118m	44.343	ng		
13) 1,4-Dichlorobenzene	8.12	146	131279	44.624	ng		97
14) 1,2-Dichlorobenzene	8.44	146	123670	42.828	ng		96
15) Benzyl Alcohol	8.31	79	149546	38.912	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.61	45	121051m	37.694	ng		
17) 2-Methylphenol	8.51	107	104348	41.472	ng	#	91
18) Hexachloroethane	9.17	117	48729	39.371	ng		98
19) n-Nitroso-di-n-propylamine	8.89	70	124925	40.613	ng	#	87
20) 3+4-Methylphenols	8.84	107	149181	42.526	ng		90
22) Acetophenone	8.91	105	216450	48.383	ng		94
24) Nitrobenzene	9.29	77	159804	42.002	ng		93
25) Isophorone	9.81	82	308811	43.460	ng		99
26) 2-Nitrophenol	10.00	139	57703	42.471	ng	#	91
27) 2,4-Dimethylphenol	10.05	122	107265	45.153	ng		93
28) bis(2-Chloroethoxy)methane	10.29	93	168321	47.065	ng		97
29) 2,4-Dichlorophenol	10.53	162	119682	48.311	ng		95
30) 1,2,4-Trichlorobenzene	10.75	180	144269	48.978	ng		96
31) Naphthalene	10.94	128	363444	49.918	ng		98
32) Benzoic acid	10.19	122	79272	47.120	ng		92
33) 4-Chloroaniline	11.04	127	160851	50.657	ng		93
34) Hexachlorobutadiene	11.23	225	110867	47.376	ng		94
35) Caprolactam	11.81	113	44092	46.817	ng	#	66
36) 4-Chloro-3-methylphenol	12.16	107	149915	44.912	ng		95
37) 2-Methylnaphthalene	12.54	142	274219	46.637	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	183509	50.743	ng		99
40) Hexachlorocyclopentadiene	12.89	237	115682	40.850	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	108706	48.316	ng		99
43) 2,4,5-Trichlorophenol	13.21	196	119679	48.480	ng		95
45) 1,1'-Biphenyl	13.54	154	384850	50.779	ng		97
46) 2-Chloronaphthalene	13.59	162	289894	48.593	ng		97
47) 2-Nitroaniline	13.78	65	94049	38.588	ng		96
48) Acenaphthylene	14.43	152	486711	53.310	ng		98
49) Dimethylphthalate	14.16	163	411682	49.564	ng		99
50) 2,6-Dinitrotoluene	14.28	165	79937	46.930	ng		96
51) Acenaphthene	14.77	154	322232	54.443	ng		98
52) 3-Nitroaniline	14.60	138	80816	51.334	ng	#	96
53) 2,4-Dinitrophenol	14.80	184	33503	29.897	ng	#	60
54) Dibenzofuran	15.10	168	477268	49.158	ng		93
55) 4-Nitrophenol	14.89	139	66769	48.263	ng	#	83
56) 2,4-Dinitrotoluene	15.06	165	109632	43.360	ng		93
57) Fluorene	15.76	166	395832	52.239	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.32	232	117272	43.547	ng		100
59) Diethylphthalate	15.53	149	418586	48.458	ng		97
60) 4-Chlorophenyl-phenylether	15.75	204	226735	50.388	ng		96
61) 4-Nitroaniline	15.77	138	85750	48.047	ng	#	75
62) Azobenzene	16.04	77	411130	44.834	ng		95
64) 4,6-Dinitro-2-methylphenol	15.82	198	58860	37.626	ng		85
65) n-Nitrosodiphenylamine	15.96	169	362638	50.834	ng		99
66) 4-Bromophenyl-phenylether	16.64	248	145280	45.252	ng		93
67) Hexachlorobenzene	16.75	284	149577	42.162	ng		97
68) Atrazine	16.91	200	154422	48.844	ng		97
69) Pentachlorophenol	17.10	266	108286	50.614	ng		96
70) Phenanthrene	17.49	178	619624	46.635	ng		98
71) Anthracene	17.58	178	617004	45.828	ng		98
72) Carbazole	17.85	167	571035	51.251	ng		99
73) Di-n-butylphthalate	18.42	149	674275	48.879	ng	#	98
74) Fluoranthene	19.50	202	792572	48.536	ng		97
76) Benzidine	19.67	184	443967	72.124	ng	#	96
77) Pyrene	19.86	202	796678	52.311	ng		98
79) Butylbenzylphthalate	20.76	149	302653	51.541	ng		96
80) Benzo(a)anthracene	21.71	228	772583	48.868	ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	301715	49.066	ng		99
82) Chrysene	21.78	228	714469	49.275	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	419872	52.648	ng	#	98
84) Di-n-octyl phthalate	22.88	149	725658	54.358	ng		96
85) Indeno(1,2,3-cd)pyrene	28.69	276	858447	46.272	ng	#	88
87) Benzo(b)fluoranthene	23.95	252	759966	49.240	ng	#	95
88) Benzo(k)fluoranthene	24.02	252	749580	51.127	ng	#	97
89) Benzo(a)pyrene	24.83	252	726033	49.562	ng	#	95
90) Dibenzo(a,h)anthracene	28.76	278	704673	48.508	ng	#	96
91) Benzo(g,h,i)perylene	29.85	276	695330	47.615	ng	#	94

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

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