Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038499.D
Acq On : 12 Dec 2018 12:19
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
12/13/2018 3:06:44 PM

Quant Time: Dec 12 12:59:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 12:12:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27073	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	112235	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	72197	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	177781	20.00	ng		0.00
76) Chrysene-d12	21.72	240	173070	20.00	ng		0.00
87) Perylene-d12	25.02	264	191089	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	153416	100.28	ng		0.00
7) Phenol-d6	7.21	99	212063	95.91	ng		0.00
23) Nitrobenzene-d5	9.24	82	220117	97.37	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	104036	117.38	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	515509	101.74	ng		0.00
79) Terphenyl-d14	20.04	244	794945	98.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	35802	51.061	ng		98
3) Pyridine	3.90	79	95570	45.560	ng		92
4) n-Nitrosodimethylamine	3.82	42	47361	51.544	ng		90
6) Aniline	7.39	93	135988	48.152	ng		99
8) 2-Chlorophenol	7.62	128	88995	50.089	ng		98
9) Benzaldehyde	7.21	77	60256	43.035	ng		95
10) Phenol	7.24	94	112697	48.239	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	88330	46.165	ng		96
12) 1,3-Dichlorobenzene	7.95	146	103891	50.029	ng		100
13) 1,4-Dichlorobenzene	8.10	146	104909	48.827	ng		98
14) 1,2-Dichlorobenzene	8.42	146	99695	46.961	ng		96
15) Benzyl Alcohol	8.30	79	85314	46.931	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	198233	45.549	ng		98
17) 2-Methylphenol	8.50	107	75872	42.787	ng		98
18) Hexachloroethane	9.14	117	39041	50.345	ng		97
19) n-Nitroso-di-n-propylamine	8.87	70	73494	43.182	ng		98
20) 3+4-Methylphenols	8.83	107	107733	45.773	ng		99
22) Acetophenone	8.89	105	140318	47.762	ng	#	98
24) Nitrobenzene	9.28	77	111470	48.534	ng		98
25) Isophorone	9.80	82	187383	47.167	ng		99
26) 2-Nitrophenol	9.99	139	57314	53.857	ng		96
27) 2,4-Dimethylphenol	10.04	122	80766	52.839	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	115051	50.517	ng		96
29) 2,4-Dichlorophenol	10.52	162	94344	54.071	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	110683	54.038	ng		99
31) Naphthalene	10.93	128	273523	51.019	ng		99
32) Benzoic acid	10.20	122	50596m	50.824	ng		
33) 4-Chloroaniline	11.04	127	124328	52.385	ng		98
34) Hexachlorobutadiene	11.19	225	75320	58.780	ng		91
35) Caprolactam	11.84	113	35708	49.488	ng		91
36) 4-Chloro-3-methylphenol	12.15	107	102636	52.942	ng		94
37) 2-Methylnaphthalene	12.53	142	198009	51.862	ng		97
38) 1-Methylnaphthalene	12.75	142	191219	52.292	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	135710	54.627	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	76194	55.811	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	85912	53.385	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	92377	54.185	ng		97
46) 1,1'-Biphenyl	13.53	154	299379	49.057	ng		100
47) 2-Chloronaphthalene	13.58	162	230416	50.035	ng		99
48) 2-Nitroaniline	13.79	65	76759	49.683	ng		94
49) Acenaphthylene	14.43	152	348407	50.234	ng		97
50) Dimethylphthalate	14.15	163	295524	51.033	ng		100
51) 2,6-Dinitrotoluene	14.28	165	68147	51.517	ng		95
52) Acenaphthene	14.76	154	209103	49.455	ng		99
53) 3-Nitroaniline	14.62	138	71285	50.037	ng		94
54) 2,4-Dinitrophenol	14.82	184	37599	51.852	ng		97
55) Dibenzofuran	15.10	168	355686	50.885	ng		98
56) 4-Nitrophenol	14.91	139	53753	47.764	ng		99
57) 2,4-Dinitrotoluene	15.07	165	96190	52.723	ng		96
58) Fluorene	15.74	166	264692	51.398	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	80132	54.118	ng		99
60) Diethylphthalate	15.50	149	313267	48.829	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	165478	53.496	ng		99
62) 4-Nitroaniline	15.78	138	72648	51.846	ng		99
63) Azobenzene	16.03	77	267192	47.588	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	63976	54.923	ng		99
66) n-Nitrosodiphenylamine	15.95	169	260682	52.144	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	109057	56.805	ng		93
68) Hexachlorobenzene	16.74	284	113718	57.426	ng		98
69) Atrazine	16.89	200	96160	51.548	ng		98
70) Pentachlorophenol	17.09	266	68674	50.632	ng		99
71) Phenanthrene	17.49	178	452764	50.854	ng		99
72) Anthracene	17.58	178	449305	52.112	ng		99
73) Carbazole	17.85	167	445851	52.102	ng		99
74) Di-n-butylphthalate	18.39	149	510919	51.108	ng		99
75) Fluoranthene	19.50	202	551656	53.034	ng		97
77) Benzidine	19.68	184	253805	43.458	ng		99
78) Pyrene	19.86	202	556898	45.989	ng		100
80) Butylbenzylphthalate	20.73	149	232313	47.699	ng		100
81) Benzo(a)anthracene	21.71	228	535117	50.307	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	216848	52.405	ng		96
83) Chrysene	21.77	228	507767	50.444	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	328710	47.617	ng		99
85) Di-n-octyl phthalate	22.80	149	552346	46.663	ng		99
86) Indeno(1,2,3-cd)pyrene	28.81	276	618481	54.064	ng	#	89
88) Benzo(b)fluoranthene	23.97	252	545989	50.568	ng		100
89) Benzo(k)fluoranthene	24.04	252	520518	48.404	ng		97
90) Benzo(a)pyrene	24.87	252	516032	49.272	ng		99
91) Dibenzo(a,h)anthracene	28.87	278	516204	51.968	ng		99
92) Benzo(g,h,i)perylene	30.00	276	506799	51.425	ng		98

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

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