Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036192.D
Acq On : 8 Aug 2018 11:23
Operator : JU/SJ
Sample : J4297-01MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1MSD

Manual Integrations APPROVED
Sohil
8/8/2018 5:55:15 PM

Quant Time: Aug 08 12:38:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26964	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	99941	20.00	ng		-0.03
38) Acenaphthene-d10	14.64	164	69590	20.00	ng		-0.01
63) Phenanthrene-d10	17.38	188	202730	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	231278	20.00	ng		-0.02
86) Perylene-d12	24.83	264	220575	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	159453	98.18	ng		0.00
7) Phenol-d6	7.18	99	229765	94.82	ng		-0.01
23) Nitrobenzene-d5	9.17	82	154504	64.58	ng		-0.01
41) 2,4,6-Tribromophenol	16.12	330	113953	124.23	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	335935	64.67	ng		-0.02
78) Terphenyl-d14	19.98	244	699551	66.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	19873	24.041	ng	#	73
3) Pyridine	3.90	79	51410	23.823	ng	#	69
4) n-Nitrosodimethylamine	3.82	42	24535	26.479	ng	#	68
6) Aniline	7.34	93	45545	14.501	ng		95
8) 2-Chlorophenol	7.58	128	52073	31.525	ng		88
9) Benzaldehyde	7.15	77	31624	21.270	ng		94
10) Phenol	7.21	94	82515	33.706	ng		94
11) bis(2-Chloroethyl)ether	7.43	93	54096	28.216	ng		87
12) 1,3-Dichlorobenzene	7.90	146	60210m	30.185	ng		
13) 1,4-Dichlorobenzene	8.04	146	63384	31.274	ng		99
14) 1,2-Dichlorobenzene	8.36	146	59730	30.678	ng		97
15) Benzyl Alcohol	8.25	79	57757	26.248	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.53	45	56429	35.107	ng		77
17) 2-Methylphenol	8.45	107	51506	30.945	ng	#	91
18) Hexachloroethane	9.09	117	24551	31.682	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	48591	23.813	ng	#	85
20) 3+4-Methylphenols	8.79	107	67655	29.300	ng		87
22) Acetophenone	8.83	105	92839	29.872	ng	#	89
24) Nitrobenzene	9.21	77	74155	30.821	ng	#	93
25) Isophorone	9.73	82	136668	30.774	ng		98
26) 2-Nitrophenol	9.93	139	30951	36.221	ng	#	82
27) 2,4-Dimethylphenol	9.98	122	54180	37.458	ng		88
28) bis(2-Chloroethoxy)methane	10.21	93	72804	29.751	ng		99
29) 2,4-Dichlorophenol	10.47	162	57987	35.120	ng		94
30) 1,2,4-Trichlorobenzene	10.67	180	69327	34.242	ng		98
31) Naphthalene	10.86	128	162413	31.197	ng		99
33) 4-Chloroaniline	10.98	127	30770	13.561	ng		96
34) Hexachlorobutadiene	11.14	225	54289	34.387	ng		94
35) Caprolactam	11.74	113	20153m	28.443	ng		
36) 4-Chloro-3-methylphenol	12.10	107	74147	33.503	ng		93
37) 2-Methylnaphthalene	12.46	142	126407m	32.591	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	89132	33.935	ng		98
40) Hexachlorocyclopentadiene	12.80	237	95949	69.655	ng		95
42) 2,4,6-Trichlorophenol	13.07	196	55631	36.217	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.16	196	65635	38.197	ng		97
45) 1,1'-Biphenyl	13.47	154	176198	32.658	ng		97
46) 2-Chloronaphthalene	13.51	162	138086	32.904	ng		98
47) 2-Nitroaniline	13.72	65	49639	33.457	ng		91
48) Acenaphthylene	14.35	152	231142	32.880	ng		98
49) Dimethylphthalate	14.08	163	243031	39.860	ng		99
50) 2,6-Dinitrotoluene	14.21	165	45570	36.703	ng		92
51) Acenaphthene	14.70	154	135827	31.017	ng		99
52) 3-Nitroaniline	14.54	138	24179	19.054	ng	#	97
53) 2,4-Dinitrophenol	14.76	184	12028	23.871	ng	#	60
54) Dibenzofuran	15.03	168	235479	33.811	ng		94
55) 4-Nitrophenol	14.87	139	52358	57.935	ng	#	85
56) 2,4-Dinitrotoluene	14.99	165	67922	38.132	ng		90
57) Fluorene	15.68	166	194019	33.238	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.26	232	66351	40.273	ng	#	92
59) Diethylphthalate	15.44	149	201708	32.173	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	112539	32.802	ng		97
61) 4-Nitroaniline	15.71	138	43348	32.656	ng	#	81
62) Azobenzene	15.96	77	199695	32.292	ng		94
64) 4,6-Dinitro-2-methylphenol	15.76	198	31746	28.131	ng		86
65) n-Nitrosodiphenylamine	15.88	169	173037	29.987	ng		96
66) 4-Bromophenyl-phenylether	16.56	248	76970	32.725	ng		96
67) Hexachlorobenzene	16.69	284	81984	33.848	ng		95
68) Atrazine	16.83	200	84967	35.763	ng		95
69) Pentachlorophenol	17.03	266	74344	50.392	ng		96
70) Phenanthrene	17.42	178	332976	32.916	ng		98
71) Anthracene	17.51	178	332233	32.984	ng		97
72) Carbazole	17.79	167	308365	32.236	ng		97
73) Di-n-butylphthalate	18.33	149	352545	31.187	ng	#	97
74) Fluoranthene	19.43	202	468787	34.404	ng		96
76) Benzidine	19.61	184	105791	17.399	ng		97
77) Pyrene	19.79	202	460056	31.459	ng		99
79) Butylbenzylphthalate	20.67	149	171134	32.724	ng		95
80) Benzo(a)anthracene	21.62	228	467502	32.437	ng		98
81) 3,3'-Dichlorobenzidine	21.54	252	86670	17.246	ng		98
82) Chrysene	21.69	228	433097	32.428	ng		97
83) Bis(2-ethylhexyl)phthalate	21.52	149	232278	32.671	ng		100
84) Di-n-octyl phthalate	22.71	149	391953	32.926	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.45	276	478387	32.352	ng	#	83
87) Benzo(b)fluoranthene	23.82	252	435518	32.486	ng	#	94
88) Benzo(k)fluoranthene	23.88	252	419937	32.040	ng	#	96
89) Benzo(a)pyrene	24.68	252	418941	33.590	ng	#	97
90) Dibenzo(a,h)anthracene	28.51	278	401484	32.788	ng	#	93
91) Benzo(g,h,i)perylene	29.59	276	407762	34.031	ng	#	93

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

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