Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036146.D
Acq On : 7 Aug 2018 3:57
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/7/2018 6:54:26 PM

Quant Time: Aug 07 04:39:26 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	34830	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	144129	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	106288	20.00	ng		-0.01
63) Phenanthrene-d10	17.38	188	295822	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	305568	20.00	ng		-0.02
86) Perylene-d12	24.82	264	298742	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	165922	79.09	ng		-0.01
7) Phenol-d6	7.18	99	244474	78.11	ng		-0.01
23) Nitrobenzene-d5	9.17	82	260606	75.53	ng		-0.01
41) 2,4,6-Tribromophenol	16.12	330	126097	90.01	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	615432	77.57	ng		-0.02
78) Terphenyl-d14	19.98	244	1106252	79.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	37595	35.209	ng	#	72
3) Pyridine	3.91	79	99145	35.568	ng	#	73
4) n-Nitrosodimethylamine	3.82	42	41081	34.323	ng	#	69
6) Aniline	7.34	93	148523	36.609	ng		97
8) 2-Chlorophenol	7.58	128	84712	39.703	ng		99
9) Benzaldehyde	7.15	77	71527	37.243	ng		93
10) Phenol	7.21	94	127933	40.456	ng		92
11) bis(2-Chloroethyl)ether	7.43	93	94632	38.212	ng		86
12) 1,3-Dichlorobenzene	7.90	146	105122	40.799	ng		93
13) 1,4-Dichlorobenzene	8.05	146	107381	41.017	ng		97
14) 1,2-Dichlorobenzene	8.36	146	103197	41.033	ng		93
15) Benzyl Alcohol	8.25	79	105830	37.233	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.53	45	68648	33.064	ng		71
17) 2-Methylphenol	8.46	107	81772	38.033	ng	#	89
18) Hexachloroethane	9.09	117	39072	39.034	ng		89
19) n-Nitroso-di-n-propylamine	8.81	70	94479	35.845	ng	#	84
20) 3+4-Methylphenols	8.79	107	116905	39.195	ng		88
22) Acetophenone	8.83	105	167115	37.286	ng	#	91
24) Nitrobenzene	9.22	77	128969	37.169	ng		92
25) Isophorone	9.73	82	226928	35.432	ng		99
26) 2-Nitrophenol	9.93	139	53639	43.527	ng	#	89
27) 2,4-Dimethylphenol	9.99	122	79156	37.947	ng		91
28) bis(2-Chloroethoxy)methane	10.21	93	127912	36.245	ng		96
29) 2,4-Dichlorophenol	10.47	162	102167	42.907	ng		91
30) 1,2,4-Trichlorobenzene	10.67	180	121984	41.778	ng		99
31) Naphthalene	10.86	128	288092	38.372	ng		98
32) Benzoic acid	10.16	122	46774m	33.309	ng		
33) 4-Chloroaniline	10.97	127	125106	38.232	ng	#	96
34) Hexachlorobutadiene	11.14	225	99012	43.487	ng		96
35) Caprolactam	11.76	113	35452	34.695	ng	#	65
36) 4-Chloro-3-methylphenol	12.10	107	126315	39.576	ng		98
37) 2-Methylnaphthalene	12.46	142	220773	39.470	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	160404	39.984	ng		98
40) Hexachlorocyclopentadiene	12.81	237	75923	36.087	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	98519	41.994	ng		97
43) 2,4,5-Trichlorophenol	13.15	196	108336	41.279	ng		96
45) 1,1'-Biphenyl	13.47	154	313365	38.028	ng		98
46) 2-Chloronaphthalene	13.52	162	243776	38.032	ng		98
47) 2-Nitroaniline	13.72	65	84887	37.460	ng		98
48) Acenaphthylene	14.36	152	412503	38.418	ng		98
49) Dimethylphthalate	14.09	163	360501	38.712	ng		99
50) 2,6-Dinitrotoluene	14.21	165	81273	42.858	ng	#	88
51) Acenaphthene	14.70	154	254699	38.080	ng		96
52) 3-Nitroaniline	14.54	138	76189	39.309	ng	#	96
53) 2,4-Dinitrophenol	14.76	184	36089	40.545	ng	#	65
54) Dibenzofuran	15.03	168	409128	38.462	ng		94
55) 4-Nitrophenol	14.87	139	54105	39.197	ng	#	85
56) 2,4-Dinitrotoluene	15.00	165	113848	41.847	ng	#	86
57) Fluorene	15.68	166	346702	38.887	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.26	232	107084	42.555	ng	#	91
59) Diethylphthalate	15.45	149	370451	38.687	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	210837	40.235	ng		97
61) 4-Nitroaniline	15.71	138	74092	36.545	ng	#	81
62) Azobenzene	15.97	77	333127	35.269	ng		94
64) 4,6-Dinitro-2-methylphenol	15.77	198	71023	43.130	ng		88
65) n-Nitrosodiphenylamine	15.89	169	321112	38.136	ng		100
66) 4-Bromophenyl-phenylether	16.56	248	141074	41.105	ng		95
67) Hexachlorobenzene	16.69	284	143272	40.537	ng		93
68) Atrazine	16.83	200	118395	34.151	ng		97
69) Pentachlorophenol	17.03	266	71748	33.329	ng		95
70) Phenanthrene	17.42	178	566139	38.354	ng		97
71) Anthracene	17.52	178	562018	38.238	ng		97
72) Carbazole	17.79	167	511378	36.636	ng		99
73) Di-n-butylphthalate	18.33	149	617083	37.410	ng	#	98
74) Fluoranthene	19.43	202	732340	36.833	ng		96
76) Benzidine	19.61	184	226619	28.209	ng		98
77) Pyrene	19.79	202	749681	38.801	ng		98
79) Butylbenzylphthalate	20.67	149	270800	39.193	ng	#	97
80) Benzo(a)anthracene	21.62	228	722522	37.943	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	258253	38.896	ng	#	95
82) Chrysene	21.69	228	671620	38.061	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	373991	39.814	ng	#	98
84) Di-n-octyl phthalate	22.72	149	635351	40.396	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.45	276	760065	38.905	ng	#	87
87) Benzo(b)fluoranthene	23.82	252	680845	37.497	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	692979	39.038	ng	#	96
89) Benzo(a)pyrene	24.68	252	640238	37.901	ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	633500	38.200	ng	#	94
91) Benzo(g,h,i)perylene	29.59	276	626495	38.606	ng	#	93

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

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