Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
Data File : BG037175.D
Acq On : 5 Oct 2018 5:26
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/5/2018 3:17:27 PM

Quant Time: Oct 05 08:47:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38131	20.00	ng		-0.01
21) Naphthalene-d8	10.84	136	179175	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	121523	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	305077	20.00	ng		-0.02
75) Chrysene-d12	21.67	240	305793	20.00	ng		-0.02
86) Perylene-d12	24.87	264	315911	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	174173	87.60	ng		-0.02
7) Phenol-d6	7.20	99	269701	87.67	ng		-0.02
23) Nitrobenzene-d5	9.19	82	285715	85.39	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	116070	79.83	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	645031	79.06	ng		-0.02
78) Terphenyl-d14	20.01	244	888982	76.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	44114	48.487	ng		99
3) Pyridine	3.91	79	120973	46.050	ng		94
4) n-Nitrosodimethylamine	3.83	42	54550	46.721	ng	#	97
6) Aniline	7.36	93	162635	40.744	ng		99
8) 2-Chlorophenol	7.59	128	100097	43.358	ng		94
9) Benzaldehyde	7.17	77	82685	40.677	ng		98
10) Phenol	7.22	94	143345	45.151	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	115478	39.322	ng		99
12) 1,3-Dichlorobenzene	7.92	146	114489	40.450	ng		97
13) 1,4-Dichlorobenzene	8.06	146	115959	40.035	ng		100
14) 1,2-Dichlorobenzene	8.38	146	111403	39.689	ng		97
15) Benzyl Alcohol	8.27	79	101020	40.472	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.56	45	238061	42.223	ng		99
17) 2-Methylphenol	8.47	107	93401	42.235	ng		98
18) Hexachloroethane	9.11	117	45246	42.449	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	103596	40.482	ng		98
20) 3+4-Methylphenols	8.80	107	133843	43.504	ng		99
22) Acetophenone	8.85	105	175846	41.763	ng		96
24) Nitrobenzene	9.24	77	146266	40.936	ng		100
25) Isophorone	9.76	82	259682	42.476	ng		99
26) 2-Nitrophenol	9.95	139	63721	44.741	ng		96
27) 2,4-Dimethylphenol	10.00	122	92966	41.905	ng		97
28) bis(2-Chloroethoxy)methane	10.24	93	153626	40.723	ng		98
29) 2,4-Dichlorophenol	10.49	162	113823	44.259	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	125502	38.995	ng		97
31) Naphthalene	10.89	128	341405	40.046	ng		99
32) Benzoic acid	10.15	122	58293m	35.957	ng		
33) 4-Chloroaniline	11.00	127	156460	40.364	ng		96
34) Hexachlorobutadiene	11.17	225	85766	38.535	ng		98
35) Caprolactam	11.77	113	44820	42.343	ng		92
36) 4-Chloro-3-methylphenol	12.11	107	144751	47.172	ng		96
37) 2-Methylnaphthalene	12.49	142	256562	39.514	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	162096	38.244	ng		99
40) Hexachlorocyclopentadiene	12.83	237	70813	32.485	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	101745	43.228	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	111907	44.589	ng		98
45) 1,1'-Biphenyl	13.49	154	370640	39.824	ng		99
46) 2-Chloronaphthalene	13.54	162	289661	39.576	ng		98
47) 2-Nitroaniline	13.74	65	112883	44.590	ng		98
48) Acenaphthylene	14.38	152	463849	40.443	ng		99
49) Dimethylphthalate	14.11	163	389470	39.816	ng		99
50) 2,6-Dinitrotoluene	14.23	165	87324	40.916	ng		98
51) Acenaphthene	14.72	154	274748	39.637	ng		97
52) 3-Nitroaniline	14.57	138	92064	40.937	ng		92
53) 2,4-Dinitrophenol	14.77	184	34747	39.068	ng	#	82
54) Dibenzofuran	15.06	168	470278	40.110	ng		98
55) 4-Nitrophenol	14.87	139	70877	49.333	ng		92
56) 2,4-Dinitrotoluene	15.02	165	121933	40.944	ng		96
57) Fluorene	15.70	166	349918	39.929	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	108008	42.423	ng		99
59) Diethylphthalate	15.47	149	399076	40.450	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	212437	38.278	ng		98
61) 4-Nitroaniline	15.73	138	93124	39.366	ng		97
62) Azobenzene	15.99	77	403839	42.600	ng		97
64) 4,6-Dinitro-2-methylphenol	15.79	198	65747	41.221	ng		86
65) n-Nitrosodiphenylamine	15.91	169	345174	40.983	ng		98
66) 4-Bromophenyl-phenylether	16.59	248	133698	38.529	ng		96
67) Hexachlorobenzene	16.71	284	138123	38.647	ng		99
68) Atrazine	16.85	200	129717	38.037	ng		99
69) Pentachlorophenol	17.05	266	84562	37.580	ng		98
70) Phenanthrene	17.45	178	586842	39.917	ng		100
71) Anthracene	17.54	178	592766	40.776	ng		100
72) Carbazole	17.81	167	578237	40.797	ng		99
73) Di-n-butylphthalate	18.36	149	657374	41.764	ng		99
74) Fluoranthene	19.45	202	701336	39.631	ng		99
76) Benzidine	19.63	184	445356	48.178	ng		99
77) Pyrene	19.82	202	711062	38.750	ng		99
79) Butylbenzylphthalate	20.70	149	307688	42.067	ng		95
80) Benzo(a)anthracene	21.65	228	692340	38.785	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	271724	39.991	ng		99
82) Chrysene	21.72	228	674839	39.127	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	426284	41.720	ng		98
84) Di-n-octyl phthalate	22.75	149	716571	42.594	ng		100
85) Indeno(1,2,3-cd)pyrene	28.50	276	751860	40.595	ng	#	93
87) Benzo(b)fluoranthene	23.85	252	645856	38.362	ng		97
88) Benzo(k)fluoranthene	23.92	252	682980	40.435	ng		100
89) Benzo(a)pyrene	24.72	252	649221	39.887	ng		99
90) Dibenzo(a,h)anthracene	28.56	278	613272	40.203	ng		99
91) Benzo(g,h,i)perylene	29.63	276	618646	40.410	ng		98

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

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