Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
Data File : BG036979.D
Acq On : 26 Sep 2018 12:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
9/26/2018 3:45:46 PM

Quant Time: Sep 26 15:02:10 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	46835	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	194162	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	122846	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	308451	20.00	ng		0.00
75) Chrysene-d12	21.68	240	317189	20.00	ng		0.00
86) Perylene-d12	24.89	264	322984	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	218954	89.66	ng		0.00
7) Phenol-d6	7.20	99	305404	80.83	ng		0.00
23) Nitrobenzene-d5	9.21	82	305150	84.16	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	126565	86.11	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	674216	81.74	ng		0.00
78) Terphenyl-d14	20.02	244	935575	77.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	53358	47.748	ng		97
3) Pyridine	3.92	79	141529	43.863	ng		98
4) n-Nitrosodimethylamine	3.84	42	64634	45.069	ng	#	91
6) Aniline	7.37	93	186076	37.954	ng		98
8) 2-Chlorophenol	7.61	128	119050	41.984	ng		95
9) Benzaldehyde	7.19	77	96515	38.657	ng		99
10) Phenol	7.23	94	160366	41.125	ng		92
11) bis(2-Chloroethyl)ether	7.46	93	133730	37.074	ng		97
12) 1,3-Dichlorobenzene	7.93	146	139880	40.237	ng		100
13) 1,4-Dichlorobenzene	8.08	146	139655	39.255	ng		99
14) 1,2-Dichlorobenzene	8.40	146	132375	38.396	ng		96
15) Benzyl Alcohol	8.28	79	115529	37.683	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	265870	38.392	ng		98
17) 2-Methylphenol	8.48	107	102557	37.756	ng		95
18) Hexachloroethane	9.12	117	53790	41.086	ng		94
19) n-Nitroso-di-n-propylamine	8.84	70	111535	35.484	ng		98
20) 3+4-Methylphenols	8.81	107	144210	38.163	ng		98
22) Acetophenone	8.87	105	188619	41.339	ng	#	97
24) Nitrobenzene	9.25	77	164038	42.366	ng		100
25) Isophorone	9.77	82	269370	40.660	ng		99
26) 2-Nitrophenol	9.96	139	71336	46.222	ng		98
27) 2,4-Dimethylphenol	10.01	122	97764	40.666	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	162109	39.655	ng		98
29) 2,4-Dichlorophenol	10.49	162	122755	44.048	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	142190	40.770	ng		98
31) Naphthalene	10.90	128	367636	39.794	ng		99
32) Benzoic acid	10.15	122	56351	32.704	ng		95
33) 4-Chloroaniline	11.00	127	162053	38.580	ng		97
34) Hexachlorobutadiene	11.18	225	100065	41.489	ng		97
35) Caprolactam	11.78	113	45523	39.688	ng		94
36) 4-Chloro-3-methylphenol	12.12	107	145422	43.732	ng		97
37) 2-Methylnaphthalene	12.50	142	269868	38.355	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	179004	41.778	ng		99
40) Hexachlorocyclopentadiene	12.84	237	86319	39.172	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	108694	45.684	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	116058	45.745	ng	96
45) 1,1'-Biphenyl	13.50	154	379612	40.349	ng	99
46) 2-Chloronaphthalene	13.55	162	298606	40.359	ng	99
47) 2-Nitroaniline	13.75	65	112282	43.875	ng	95
48) Acenaphthylene	14.39	152	474081	40.890	ng	100
49) Dimethylphthalate	14.12	163	395291	39.976	ng	99
50) 2,6-Dinitrotoluene	14.24	165	87420	40.520	ng	96
51) Acenaphthene	14.74	154	280369	40.012	ng	98
52) 3-Nitroaniline	14.58	138	93762	41.243	ng	96
53) 2,4-Dinitrophenol	14.78	184	29128m	33.704	ng	
54) Dibenzofuran	15.06	168	472871	39.897	ng	98
55) 4-Nitrophenol	14.88	139	61434	42.300	ng	96
56) 2,4-Dinitrotoluene	15.03	165	123908	41.159	ng	93
57) Fluorene	15.72	166	356535	40.246	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	114899	44.644	ng	97
59) Diethylphthalate	15.48	149	397130	39.819	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	223666	39.867	ng	98
61) 4-Nitroaniline	15.74	138	97822	40.907	ng	96
62) Azobenzene	16.00	77	401180	41.864	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	64737	40.144	ng	95
65) n-Nitrosodiphenylamine	15.92	169	350779	41.193	ng	96
66) 4-Bromophenyl-phenylether	16.60	248	141883	40.440	ng	98
67) Hexachlorobenzene	16.72	284	144790	40.070	ng	99
68) Atrazine	16.87	200	139813	40.549	ng	98
69) Pentachlorophenol	17.06	266	95251	41.868	ng	97
70) Phenanthrene	17.46	178	606611	40.811	ng	98
71) Anthracene	17.54	178	606191	41.244	ng	99
72) Carbazole	17.81	167	594755	41.503	ng	98
73) Di-n-butylphthalate	18.37	149	668441	42.002	ng	100
74) Fluoranthene	19.46	202	732611	40.946	ng	99
76) Benzidine	19.64	184	372343	38.832	ng	99
77) Pyrene	19.82	202	745456	39.164	ng	99
79) Butylbenzylphthalate	20.71	149	307160	40.486	ng	99
80) Benzo(a)anthracene	21.66	228	737893	39.852	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	280894	39.855	ng	99
82) Chrysene	21.73	228	702741	39.281	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	428765	40.455	ng	99
84) Di-n-octyl phthalate	22.77	149	705351	40.421	ng	99
85) Indeno(1,2,3-cd)pyrene	28.54	276	786000	40.914	ng	99
87) Benzo(b)fluoranthene	23.87	252	688124	39.978	ng	98
88) Benzo(k)fluoranthene	23.94	252	709274	41.073	ng	98
89) Benzo(a)pyrene	24.74	252	672293	40.400	ng	99
90) Dibenzo(a,h)anthracene	28.60	278	633984	40.651	ng	98
91) Benzo(g,h,i)perylene	29.68	276	641740	41.000	ng	97

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

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