Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
Data File : BG038438.D
Acq On : 10 Dec 2018 12:52
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
12/11/2018 6:07:19 PM

Quant Time: Dec 11 14:37:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	32315	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	144276	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	93575	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	224344	20.00	ng		0.00
76) Chrysene-d12	21.74	240	246350	20.00	ng		0.00
87) Perylene-d12	25.05	264	229750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	144234	78.99	ng		0.00
7) Phenol-d6	7.22	99	211576	80.16	ng		0.00
23) Nitrobenzene-d5	9.25	82	223987	77.08	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	98447	85.70	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	520749	79.30	ng		0.00
79) Terphenyl-d14	20.06	244	755606	65.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	33533	40.067	ng		96
3) Pyridine	3.91	79	120356	48.069	ng		97
4) n-Nitrosodimethylamine	3.83	42	50143	45.719	ng	#	93
6) Aniline	7.40	93	133405	39.575	ng		97
8) 2-Chlorophenol	7.63	128	86822	40.939	ng		98
9) Benzaldehyde	7.21	77	63521	38.008	ng		97
10) Phenol	7.25	94	111714	40.061	ng		90
11) bis(2-Chloroethyl)ether	7.49	93	89699	39.276	ng		100
12) 1,3-Dichlorobenzene	7.96	146	98414	39.704	ng		96
13) 1,4-Dichlorobenzene	8.11	146	98890	38.560	ng		99
14) 1,2-Dichlorobenzene	8.43	146	94109	39.812	ng		96
15) Benzyl Alcohol	8.31	79	81647	37.628	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.60	45	199883	38.478	ng		96
17) 2-Methylphenol	8.51	107	76886	39.271	ng		97
18) Hexachloroethane	9.15	117	37988	41.041	ng		96
19) n-Nitroso-di-n-propylamine	8.88	70	76176	39.462	ng		90
20) 3+4-Methylphenols	8.84	107	107789	38.368	ng		95
22) Acetophenone	8.90	105	142756	41.060	ng	#	96
24) Nitrobenzene	9.29	77	112312	38.040	ng		96
25) Isophorone	9.81	82	191992	37.594	ng		98
26) 2-Nitrophenol	10.00	139	57444	41.991	ng		93
27) 2,4-Dimethylphenol	10.05	122	83811	42.654	ng		98
28) bis(2-Chloroethoxy)methane	10.29	93	118387	40.438	ng		98
29) 2,4-Dichlorophenol	10.53	162	96435	42.995	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	104970	39.867	ng		99
31) Naphthalene	10.94	128	277535	40.271	ng		99
32) Benzoic acid	10.19	122	51166	37.802	ng		97
33) 4-Chloroaniline	11.06	127	132028	43.275	ng		98
34) Hexachlorobutadiene	11.20	225	70905	43.046	ng		94
35) Caprolactam	11.85	113	39231	42.296	ng	#	91
36) 4-Chloro-3-methylphenol	12.16	107	108220	43.425	ng		99
37) 2-Methylnaphthalene	12.54	142	305489	62.244	ng		99
38) 1-Methylnaphthalene	12.76	142	204975	43.605	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	136358	42.348	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	71787	40.570	ng		97
43) 2,4,6-Trichlorophenol	13.14	196	86511	41.476	ng		99
44) 2,4,5-Trichlorophenol	13.22	196	91534	41.424	ng		97
46) 1,1'-Biphenyl	13.54	154	309912	39.181	ng		99
47) 2-Chloronaphthalene	13.59	162	235452	39.448	ng		99
48) 2-Nitroaniline	13.80	65	81837	40.868	ng		98
49) Acenaphthylene	14.44	152	357391	39.757	ng		99
50) Dimethylphthalate	14.16	163	303736	40.468	ng		98
51) 2,6-Dinitrotoluene	14.29	165	69111	40.310	ng		95
52) Acenaphthene	14.78	154	215446	39.314	ng		97
53) 3-Nitroaniline	14.63	138	73688	39.907	ng	#	95
54) 2,4-Dinitrophenol	14.83	184	34072	36.253	ng	#	87
55) Dibenzofuran	15.11	168	364636	40.248	ng		97
56) 4-Nitrophenol	14.92	139	51763	35.488	ng		84
57) 2,4-Dinitrotoluene	15.08	165	97911	41.406	ng	#	97
58) Fluorene	15.76	166	270802	40.571	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	80920	42.165	ng		99
60) Diethylphthalate	15.51	149	318248	38.273	ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	162663	40.572	ng		98
62) 4-Nitroaniline	15.79	138	72807	40.089	ng		87
63) Azobenzene	16.03	77	282648	38.840	ng		95
65) 4,6-Dinitro-2-methylphenol	15.83	198	61043	41.528	ng		93
66) n-Nitrosodiphenylamine	15.96	169	266632	42.265	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	113606	46.893	ng		99
68) Hexachlorobenzene	16.75	284	114572	45.849	ng		95
69) Atrazine	16.90	200	104979	44.596	ng		98
70) Pentachlorophenol	17.10	266	69218	40.441	ng		99
71) Phenanthrene	17.50	178	457884	40.755	ng		99
72) Anthracene	17.59	178	452111	41.554	ng		99
73) Carbazole	17.87	167	445764	41.280	ng		98
74) Di-n-butylphthalate	18.40	149	511768	40.567	ng		98
75) Fluoranthene	19.51	202	554545	42.247	ng		98
77) Benzidine	19.69	184	259737	31.245	ng		99
78) Pyrene	19.87	202	560334	32.508	ng		98
80) Butylbenzylphthalate	20.73	149	223841	32.288	ng		99
81) Benzo(a)anthracene	21.72	228	571245	37.729	ng		100
82) 3,3'-Dichlorobenzidine	21.64	252	231673	39.334	ng		99
83) Chrysene	21.79	228	535734	37.391	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	362412	36.882	ng		99
85) Di-n-octyl phthalate	22.82	149	738980	43.860	ng		99
86) Indeno(1,2,3-cd)pyrene	28.84	276	760810	46.723	ng	#	89
88) Benzo(b)fluoranthene	23.99	252	512800m	39.502	ng		
89) Benzo(k)fluoranthene	24.06	252	491715	38.031	ng		98
90) Benzo(a)pyrene	24.89	252	483286	38.380	ng		98
91) Dibenzo(a,h)anthracene	28.91	278	624855	52.320	ng	#	95
92) Benzo(g,h,i)perylene	30.05	276	629828	53.154	ng		98

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

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