Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
Data File : BG037511.D
Acq On : 24 Oct 2018 14:51
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/25/2018 2:12:54 PM

Quant Time: Oct 24 15:37:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	67276	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	316171	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	205051	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	481813	20.00	ng		0.00
76) Chrysene-d12	21.77	240	430369	20.00	ng		0.00
87) Perylene-d12	25.11	264	463187	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	321000	79.77	ng		0.00
7) Phenol-d6	7.25	99	484400	79.61	ng		0.00
23) Nitrobenzene-d5	9.28	82	446053	79.03	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	177728	79.47	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1023085	75.24	ng		0.00
79) Terphenyl-d14	20.08	244	1504321	74.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	80207	39.304	ng		96
3) Pyridine	3.94	79	199149	38.719	ng		96
4) n-Nitrosodimethylamine	3.86	42	78007	42.580	ng	#	89
6) Aniline	7.43	93	294747	39.707	ng		97
8) 2-Chlorophenol	7.67	128	185352	39.374	ng		98
9) Benzaldehyde	7.25	77	139202	36.571	ng		99
10) Phenol	7.28	94	253926	39.551	ng		98
11) bis(2-Chloroethyl)ether	7.53	93	190336	39.034	ng		93
12) 1,3-Dichlorobenzene	7.99	146	202601	38.659	ng		96
13) 1,4-Dichlorobenzene	8.14	146	202960	37.860	ng		99
14) 1,2-Dichlorobenzene	8.46	146	194020	37.624	ng		99
15) Benzyl Alcohol	8.34	79	184320	40.996	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.63	45	354398	40.620	ng		98
17) 2-Methylphenol	8.54	107	171540	40.415	ng		99
18) Hexachloroethane	9.19	117	74141	40.568	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	164274	39.205	ng		96
20) 3+4-Methylphenols	8.87	107	243086	40.057	ng		98
22) Acetophenone	8.94	105	300316	37.874	ng		98
24) Nitrobenzene	9.33	77	230755	39.356	ng		96
25) Isophorone	9.85	82	407313	39.497	ng		97
26) 2-Nitrophenol	10.03	139	114193	43.233	ng		96
27) 2,4-Dimethylphenol	10.08	122	184889	39.204	ng		96
28) bis(2-Chloroethoxy)methane	10.32	93	262730	38.885	ng		98
29) 2,4-Dichlorophenol	10.56	162	205798	39.193	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	216208	37.863	ng		97
31) Naphthalene	10.98	128	592456	38.150	ng		100
32) Benzoic acid	10.21	122	128669m	42.006	ng		
33) 4-Chloroaniline	11.09	127	285497	39.127	ng		99
34) Hexachlorobutadiene	11.25	225	130155	38.458	ng		99
35) Caprolactam	11.89	113	82247	39.055	ng		95
36) 4-Chloro-3-methylphenol	12.19	107	233456	39.423	ng		98
37) 2-Methylnaphthalene	12.57	142	433463	38.291	ng		98
38) 1-Methylnaphthalene	12.79	142	420460	38.245	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	255192	38.584	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
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	12.90	237	120551	38.157	ng		95
43) 2,4,6-Trichlorophenol	13.17	196	178563	40.411	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	190216	39.538	ng		98
46) 1,1'-Biphenyl	13.58	154	650086	38.281	ng		98
47) 2-Chloronaphthalene	13.62	162	491964	38.293	ng		98
48) 2-Nitroaniline	13.83	65	161886	41.552	ng		97
49) Acenaphthylene	14.46	152	748452	38.728	ng		99
50) Dimethylphthalate	14.19	163	609153	38.401	ng		100
51) 2,6-Dinitrotoluene	14.32	165	139008	39.612	ng		98
52) Acenaphthene	14.81	154	448373	37.671	ng		99
53) 3-Nitroaniline	14.65	138	156660	40.213	ng	#	99
54) 2,4-Dinitrophenol	14.85	184	44248	42.200	ng		99
55) Dibenzofuran	15.14	168	739225	37.486	ng		99
56) 4-Nitrophenol	14.94	139	118028	40.930	ng		98
57) 2,4-Dinitrotoluene	15.10	165	189827	41.209	ng		97
58) Fluorene	15.79	166	558006	37.786	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	163649	39.729	ng		99
60) Diethylphthalate	15.55	149	629674	38.664	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	324646	37.717	ng		98
62) 4-Nitroaniline	15.82	138	156823	40.512	ng		94
63) Azobenzene	16.06	77	599937	38.609	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	93501	38.934	ng		97
66) n-Nitrosodiphenylamine	15.99	169	549011	37.881	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	200300	37.856	ng		98
68) Hexachlorobenzene	16.78	284	200161	36.501	ng		98
69) Atrazine	16.93	200	197796	37.747	ng		99
70) Pentachlorophenol	17.13	266	145671	39.658	ng		96
71) Phenanthrene	17.53	178	913192	37.293	ng		100
72) Anthracene	17.62	178	908506	37.806	ng		97
73) Carbazole	17.89	167	924869	38.475	ng		99
74) Di-n-butylphthalate	18.42	149	1062009	39.716	ng		99
75) Fluoranthene	19.53	202	1048757	37.762	ng		99
77) Benzidine	19.71	184	490591m	33.525	ng		
78) Pyrene	19.89	202	1079310	38.363	ng		100
80) Butylbenzylphthalate	20.76	149	478667	41.572	ng		100
81) Benzo(a)anthracene	21.75	228	985832	38.727	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	386987	39.221	ng		99
83) Chrysene	21.82	228	934486	38.177	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	669916	41.508	ng		99
85) Di-n-octyl phthalate	22.87	149	1115440	42.383	ng		99
86) Indeno(1,2,3-cd)pyrene	28.92	276	1029550	39.215	ng		97
88) Benzo(b)fluoranthene	24.04	252	950017	37.412	ng		99
89) Benzo(k)fluoranthene	24.11	252	952524	38.286	ng		98
90) Benzo(a)pyrene	24.95	252	917775	38.035	ng		99
91) Dibenzo(a,h)anthracene	29.00	278	835552	37.539	ng		98
92) Benzo(g,h,i)perylene	30.14	276	827047	36.728	ng		98

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

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