Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
Data File : BG038286.D
Acq On : 1 Dec 2018 14:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/3/2018 5:13:17 PM

Quant Time: Dec 03 06:25:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	52827	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	239011	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	154192	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	360360	20.00	ng		0.00
76) Chrysene-d12	21.75	240	338948	20.00	ng		0.00
87) Perylene-d12	25.06	264	356366	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	248951	81.37	ng		0.00
7) Phenol-d6	7.23	99	360338	82.50	ng		0.00
23) Nitrobenzene-d5	9.26	82	391647	87.72	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	162679	92.51	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	848224	80.14	ng		0.00
79) Terphenyl-d14	20.06	244	1204018	83.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	54505	37.714	ng		96
3) Pyridine	3.91	79	158463	38.438	ng		90
4) n-Nitrosodimethylamine	3.84	42	78425	52.436	ng	#	83
6) Aniline	7.41	93	237229	42.085	ng		98
8) 2-Chlorophenol	7.64	128	148960	41.958	ng		98
9) Benzaldehyde	7.22	77	109986	34.823	ng		99
10) Phenol	7.26	94	194248	41.989	ng		92
11) bis(2-Chloroethyl)ether	7.50	93	157708	41.758	ng		99
12) 1,3-Dichlorobenzene	7.96	146	167627	40.985	ng		95
13) 1,4-Dichlorobenzene	8.11	146	170465	41.260	ng		97
14) 1,2-Dichlorobenzene	8.43	146	159484	40.432	ng		99
15) Benzyl Alcohol	8.32	79	153845	48.681	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.60	45	355569m	50.702	ng		
17) 2-Methylphenol	8.51	107	134869	43.122	ng		94
18) Hexachloroethane	9.16	117	65085	43.286	ng		95
19) n-Nitroso-di-n-propylamine	8.89	70	139817	44.243	ng		95
20) 3+4-Methylphenols	8.85	107	192928	43.514	ng		95
22) Acetophenone	8.91	105	245910	41.352	ng	#	94
24) Nitrobenzene	9.30	77	196740	43.074	ng		95
25) Isophorone	9.82	82	351438	43.730	ng		98
26) 2-Nitrophenol	10.01	139	100142	43.918	ng	#	88
27) 2,4-Dimethylphenol	10.05	122	147789	43.018	ng		98
28) bis(2-Chloroethoxy)methane	10.29	93	213901	41.624	ng		97
29) 2,4-Dichlorophenol	10.54	162	166449	43.073	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	182247	42.086	ng		97
31) Naphthalene	10.95	128	479978	40.829	ng		100
32) Benzoic acid	10.24	122	107028	48.284	ng		95
33) 4-Chloroaniline	11.06	127	227455	41.595	ng		97
34) Hexachlorobutadiene	11.21	225	115120	43.195	ng		98
35) Caprolactam	11.87	113	71557	46.262	ng	#	86
36) 4-Chloro-3-methylphenol	12.17	107	188359	44.616	ng		98
37) 2-Methylnaphthalene	12.54	142	348619	41.285	ng		97
38) 1-Methylnaphthalene	12.77	142	338144	41.602	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	215383	41.802	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
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QLast Update : Tue Nov 13 16:39:28 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	114951	41.664	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	148841	42.393	ng		100
44) 2,4,5-Trichlorophenol	13.22	196	158425	42.884	ng		97
46) 1,1'-Biphenyl	13.55	154	522180	40.311	ng		99
47) 2-Chloronaphthalene	13.60	162	396863	40.149	ng		100
48) 2-Nitroaniline	13.81	65	146308	47.028	ng		96
49) Acenaphthylene	14.44	152	601569	40.470	ng		99
50) Dimethylphthalate	14.17	163	513155	41.979	ng		99
51) 2,6-Dinitrotoluene	14.30	165	118231	42.735	ng	#	92
52) Acenaphthene	14.78	154	364597	40.742	ng		98
53) 3-Nitroaniline	14.64	138	131931	43.216	ng	#	98
54) 2,4-Dinitrophenol	14.84	184	106405	72.276	ng	#	80
55) Dibenzofuran	15.11	168	595078	40.215	ng		95
56) 4-Nitrophenol	14.93	139	109574	46.538	ng	#	79
57) 2,4-Dinitrotoluene	15.08	165	165155	43.875	ng		95
58) Fluorene	15.76	166	449615	40.724	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	135502	43.834	ng		97
60) Diethylphthalate	15.52	149	548115	42.216	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	271102	41.965	ng		97
62) 4-Nitroaniline	15.80	138	130402	42.998	ng		90
63) Azobenzene	16.04	77	494601	42.606	ng		94
65) 4,6-Dinitro-2-methylphenol	15.85	198	108959	47.804	ng		95
66) n-Nitrosodiphenylamine	15.97	169	444348	40.759	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	171517	43.364	ng		98
68) Hexachlorobenzene	16.76	284	177298	43.427	ng		98
69) Atrazine	16.91	200	167264	41.620	ng		99
70) Pentachlorophenol	17.10	266	135353	48.815	ng		97
71) Phenanthrene	17.50	178	744186	40.335	ng		100
72) Anthracene	17.60	178	748416	41.152	ng		98
73) Carbazole	17.87	167	754923	41.373	ng		99
74) Di-n-butylphthalate	18.40	149	857949	41.887	ng		99
75) Fluoranthene	19.51	202	882652	41.931	ng		99
77) Benzidine	19.69	184	483338	40.639	ng		99
78) Pyrene	19.88	202	889855	40.155	ng		99
80) Butylbenzylphthalate	20.74	149	407283	42.026	ng		97
81) Benzo(a)anthracene	21.73	228	847130	41.358	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	342748	42.957	ng		98
83) Chrysene	21.80	228	804615	41.056	ng		100
84) Bis(2-ethylhexyl)phthalate	21.59	149	576578	41.719	ng		98
85) Di-n-octyl phthalate	22.83	149	955115	42.717	ng		96
86) Indeno(1,2,3-cd)pyrene	28.88	276	945121	43.422	ng	#	94
88) Benzo(b)fluoranthene	24.00	252	838191	42.741	ng		99
89) Benzo(k)fluoranthene	24.07	252	808661	41.789	ng		97
90) Benzo(a)pyrene	24.91	252	806779	43.047	ng		98
91) Dibenzo(a,h)anthracene	28.94	278	780207	43.266	ng		97
92) Benzo(g,h,i)perylene	30.08	276	776130	43.286	ng		97

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

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