Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
Data File : BG038328.D
Acq On : 4 Dec 2018 14:02
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
12/6/2018 10:32:50 AM

Quant Time: Dec 04 14:54:53 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 13:58:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	37462	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	167385	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	98388	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	252672	20.00	ng		0.00
76) Chrysene-d12	21.74	240	216920	20.00	ng		0.00
87) Perylene-d12	25.05	264	234096	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	234151	107.92	ng		0.00
7) Phenol-d6	7.22	99	307331	99.23	ng		0.00
23) Nitrobenzene-d5	9.25	82	327452	104.72	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	130329	116.15	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	701497	103.87	ng		0.00
79) Terphenyl-d14	20.06	244	966444	104.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	48114	46.947	ng		96
3) Pyridine	3.91	79	163180	55.817	ng		92
4) n-Nitrosodimethylamine	3.84	42	66958	63.131	ng		96
6) Aniline	7.40	93	203233	50.842	ng		99
8) 2-Chlorophenol	7.63	128	127985	50.836	ng		98
9) Benzaldehyde	7.21	77	89606	40.006	ng		97
10) Phenol	7.25	94	164351	50.098	ng		94
11) bis(2-Chloroethyl)ether	7.49	93	134688	50.290	ng		100
12) 1,3-Dichlorobenzene	7.96	146	144119	49.690	ng		96
13) 1,4-Dichlorobenzene	8.11	146	146302	49.935	ng		99
14) 1,2-Dichlorobenzene	8.42	146	133618	47.769	ng		96
15) Benzyl Alcohol	8.31	79	125296	55.908	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	278528	56.006	ng		97
17) 2-Methylphenol	8.51	107	111734	50.377	ng		98
18) Hexachloroethane	9.15	117	56434	52.926	ng		97
19) n-Nitroso-di-n-propylamine	8.88	70	113605	50.693	ng		95
20) 3+4-Methylphenols	8.84	107	159687	50.788	ng		97
22) Acetophenone	8.91	105	200290	48.093	ng	#	96
24) Nitrobenzene	9.29	77	164933	51.562	ng		97
25) Isophorone	9.81	82	288612	51.280	ng		97
26) 2-Nitrophenol	10.01	139	84868	53.146	ng		95
27) 2,4-Dimethylphenol	10.05	122	121287	50.410	ng		99
28) bis(2-Chloroethoxy)methane	10.29	93	178643	49.638	ng		99
29) 2,4-Dichlorophenol	10.53	162	136098	50.290	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	151165	49.846	ng		97
31) Naphthalene	10.95	128	401672	48.789	ng		100
32) Benzoic acid	10.21	122	82572m	66.865	ng		
33) 4-Chloroaniline	11.06	127	189627	49.516	ng		98
34) Hexachlorobutadiene	11.20	225	95858	51.359	ng		97
35) Caprolactam	11.86	113	58357	53.873	ng	#	84
36) 4-Chloro-3-methylphenol	12.17	107	159297	53.878	ng		97
37) 2-Methylnaphthalene	12.54	142	288062	48.711	ng		98
38) 1-Methylnaphthalene	12.76	142	278273	48.886	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	175736	53.453	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	101278	57.529	ng		98
43) 2,4,6-Trichlorophenol	13.14	196	120471	53.774	ng		96
44) 2,4,5-Trichlorophenol	13.21	196	128213	54.391	ng		97
46) 1,1'-Biphenyl	13.54	154	433535	52.450	ng		100
47) 2-Chloronaphthalene	13.59	162	323371	51.268	ng		98
48) 2-Nitroaniline	13.81	65	112491	56.667	ng		97
49) Acenaphthylene	14.44	152	480956	50.707	ng		99
50) Dimethylphthalate	14.16	163	405136	51.941	ng		99
51) 2,6-Dinitrotoluene	14.29	165	93053	52.711	ng		94
52) Acenaphthene	14.78	154	288592	50.540	ng		99
53) 3-Nitroaniline	14.63	138	102752	52.748	ng	#	98
54) 2,4-Dinitrophenol	14.83	184	53259	71.602	ng	#	86
55) Dibenzofuran	15.11	168	472223	50.013	ng		97
56) 4-Nitrophenol	14.92	139	79912	53.190	ng		87
57) 2,4-Dinitrotoluene	15.08	165	132400	55.123	ng		95
58) Fluorene	15.76	166	357405	50.733	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	105798	53.637	ng		98
60) Diethylphthalate	15.52	149	432870	52.249	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	215966	52.391	ng		98
62) 4-Nitroaniline	15.80	138	102510	52.973	ng		90
63) Azobenzene	16.04	77	390219	52.679	ng		96
65) 4,6-Dinitro-2-methylphenol	15.84	198	85705	53.627	ng		95
66) n-Nitrosodiphenylamine	15.96	169	354751	46.409	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	138062	49.783	ng		95
68) Hexachlorobenzene	16.76	284	139961	48.893	ng		98
69) Atrazine	16.90	200	132599	47.057	ng		99
70) Pentachlorophenol	17.10	266	102390	52.665	ng		96
71) Phenanthrene	17.50	178	637826	49.305	ng		99
72) Anthracene	17.59	178	613972	48.147	ng		99
73) Carbazole	17.87	167	619569	48.427	ng		100
74) Di-n-butylphthalate	18.40	149	724166	50.423	ng		98
75) Fluoranthene	19.51	202	711628	48.215	ng		98
77) Benzidine	19.69	184	328684	43.182	ng		98
78) Pyrene	19.87	202	718735	50.678	ng		98
80) Butylbenzylphthalate	20.74	149	318600	51.369	ng		99
81) Benzo(a)anthracene	21.72	228	670909	51.181	ng		100
82) 3,3'-Dichlorobenzidine	21.64	252	263643	51.631	ng		99
83) Chrysene	21.79	228	633178	50.484	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	440305	49.780	ng		98
85) Di-n-octyl phthalate	22.82	149	773888	54.083	ng		97
86) Indeno(1,2,3-cd)pyrene	28.85	276	742937	53.334	ng	#	94
88) Benzo(b)fluoranthene	23.99	252	689563	53.527	ng		98
89) Benzo(k)fluoranthene	24.06	252	651307	51.237	ng		99
90) Benzo(a)pyrene	24.90	252	629466	51.128	ng		96
91) Dibenzo(a,h)anthracene	28.92	278	613695	51.807	ng		98
92) Benzo(g,h,i)perylene	30.06	276	610886	51.865	ng	#	95

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

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