Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
Data File : BG038349.D
Acq On : 5 Dec 2018 7:45
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/6/2018 10:33:20 AM

Quant Time: Dec 05 15:58:17 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	35190	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	159137	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	102845	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	240415	20.00	ng		0.00
76) Chrysene-d12	21.74	240	223994	20.00	ng		0.00
87) Perylene-d12	25.05	264	239099	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	163254	82.10	ng		0.00
7) Phenol-d6	7.21	99	299296	104.14	ng		-0.01
23) Nitrobenzene-d5	9.25	82	245792	76.68	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	105349	83.44	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	557671	77.27	ng		0.00
79) Terphenyl-d14	20.06	244	786656	75.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	34473	37.825	ng		94
3) Pyridine	3.91	79	139938m	51.324	ng		
4) n-Nitrosodimethylamine	3.83	42	61190	51.234	ng	#	98
6) Aniline	7.40	93	146754	39.978	ng		98
8) 2-Chlorophenol	7.63	128	96466	41.770	ng		99
9) Benzaldehyde	7.21	77	95913	52.701	ng		98
10) Phenol	7.25	94	132162	43.522	ng		93
11) bis(2-Chloroethyl)ether	7.49	93	100974	40.601	ng		98
12) 1,3-Dichlorobenzene	7.96	146	109043	40.398	ng		96
13) 1,4-Dichlorobenzene	8.11	146	109550	39.226	ng		99
14) 1,2-Dichlorobenzene	8.43	146	104868	40.975	ng		97
15) Benzyl Alcohol	8.31	79	95601	40.459	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	222166	39.274	ng		96
17) 2-Methylphenol	8.51	107	84744	39.832	ng		97
18) Hexachloroethane	9.15	117	40498	40.178	ng		94
19) n-Nitroso-di-n-propylamine	8.88	70	85281	40.631	ng		94
20) 3+4-Methylphenols	8.83	107	119365	39.017	ng		98
22) Acetophenone	8.90	105	155033	40.385	ng	#	94
24) Nitrobenzene	9.29	77	124942	38.366	ng		98
25) Isophorone	9.80	82	213430	37.890	ng		97
26) 2-Nitrophenol	10.00	139	62128	41.174	ng		92
27) 2,4-Dimethylphenol	10.04	122	91577	42.254	ng		98
28) bis(2-Chloroethoxy)methane	10.29	93	133838	41.446	ng		98
29) 2,4-Dichlorophenol	10.53	162	103751	41.937	ng		98
30) 1,2,4-Trichlorobenzene	10.75	180	115242	39.681	ng		96
31) Naphthalene	10.94	128	305348	40.169	ng		99
32) Benzoic acid	10.20	122	62141	41.142	ng		94
33) 4-Chloroaniline	11.06	127	143209	42.557	ng		98
34) Hexachlorobutadiene	11.20	225	73813	40.626	ng		99
35) Caprolactam	11.85	113	42410	41.453	ng	#	91
36) 4-Chloro-3-methylphenol	12.16	107	126151	45.893	ng		99
37) 2-Methylnaphthalene	12.55	142	280971	51.902	ng		99
38) 1-Methylnaphthalene	12.76	142	277112	53.446	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	141685	40.037	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	80470	41.378	ng		97
43) 2,4,6-Trichlorophenol	13.14	196	91376	39.860	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	97811	40.275	ng		96
46) 1,1'-Biphenyl	13.54	154	332299	38.224	ng		98
47) 2-Chloronaphthalene	13.59	162	253149	38.590	ng		98
48) 2-Nitroaniline	13.80	65	88362	40.150	ng		99
49) Acenaphthylene	14.43	152	390474	39.522	ng		99
50) Dimethylphthalate	14.16	163	325288	39.433	ng		99
51) 2,6-Dinitrotoluene	14.29	165	75036	39.821	ng		98
52) Acenaphthene	14.77	154	231085	38.367	ng		97
53) 3-Nitroaniline	14.63	138	80363	39.599	ng	#	96
54) 2,4-Dinitrophenol	14.83	184	40372	39.084	ng	#	84
55) Dibenzofuran	15.11	168	386216	38.787	ng		97
56) 4-Nitrophenol	14.92	139	61735	38.509	ng		92
57) 2,4-Dinitrotoluene	15.07	165	102573	39.467	ng		95
58) Fluorene	15.76	166	289150	39.416	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	85494	40.533	ng		98
60) Diethylphthalate	15.51	149	346029	37.863	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	176619	40.083	ng		99
62) 4-Nitroaniline	15.79	138	80910	40.535	ng		91
63) Azobenzene	16.04	77	309793	38.733	ng		95
65) 4,6-Dinitro-2-methylphenol	15.83	198	66645	42.308	ng		91
66) n-Nitrosodiphenylamine	15.96	169	283404	41.920	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	111510	42.951	ng		97
68) Hexachlorobenzene	16.75	284	114963	42.930	ng		99
69) Atrazine	16.90	200	108428	42.982	ng		99
70) Pentachlorophenol	17.10	266	76620	41.773	ng		94
71) Phenanthrene	17.50	178	486808	40.433	ng		99
72) Anthracene	17.59	178	477521	40.956	ng		100
73) Carbazole	17.86	167	480099	41.488	ng		100
74) Di-n-butylphthalate	18.39	149	547937	40.531	ng		99
75) Fluoranthene	19.50	202	567376	40.335	ng		99
77) Benzidine	19.69	184	297139	39.311	ng		99
78) Pyrene	19.87	202	572745	36.545	ng		100
80) Butylbenzylphthalate	20.74	149	245400	38.931	ng		98
81) Benzo(a)anthracene	21.72	228	535363	38.888	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	211477	39.488	ng		99
83) Chrysene	21.79	228	506034	38.843	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	345055	38.621	ng		98
85) Di-n-octyl phthalate	22.82	149	571749	37.321	ng		97
86) Indeno(1,2,3-cd)pyrene	28.85	276	587706	39.694	ng		99
88) Benzo(b)fluoranthene	23.99	252	583973	43.226	ng		98
89) Benzo(k)fluoranthene	24.06	252	548548	40.768	ng		98
90) Benzo(a)pyrene	24.89	252	501374	38.260	ng	#	97
91) Dibenzo(a,h)anthracene	28.91	278	490272	39.446	ng		97
92) Benzo(g,h,i)perylene	30.04	276	482560	39.133	ng		97

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

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