Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
Data File : BG042666.D
Acq On : 1 Sep 2019 17:58
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/6/2019 8:16:59 AM

Quant Time: Sep 02 07:55:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	32690	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	136587	20.00	ng		-0.01
39) Acenaphthene-d10	14.66	164	111933	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	268671	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	283706	20.00	ng		0.00
87) Perylene-d12	24.92	264	341397	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	121148	75.06	ng		-0.01
7) Phenol-d6	7.16	99	163082	74.80	ng		-0.01
23) Nitrobenzene-d5	9.16	82	156244	79.05	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	135331	85.06	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	547204	82.68	ng		0.00
79) Terphenyl-d14	20.02	244	1075514	81.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	23359	34.678	ng		97
3) Pyridine	3.82	79	60352	34.941	ng		91
4) n-Nitrosodimethylamine	3.73	42	23485	38.069	ng		93
6) Aniline	7.31	93	105002	36.108	ng		99
8) 2-Chlorophenol	7.56	128	74710	38.192	ng		99
9) Benzaldehyde	7.12	77	40337	36.954	ng		96
10) Phenol	7.19	94	82946	37.417	ng		94
11) bis(2-Chloroethyl)ether	7.41	93	62892	36.125	ng		96
12) 1,3-Dichlorobenzene	7.88	146	95859	38.521	ng		97
13) 1,4-Dichlorobenzene	8.03	146	97898	38.838	ng		98
14) 1,2-Dichlorobenzene	8.35	146	94935	39.328	ng		96
15) Benzyl Alcohol	8.24	79	62505	39.848	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	82374	34.909	ng		99
17) 2-Methylphenol	8.45	107	62390	38.211	ng		98
18) Hexachloroethane	9.09	117	32610	37.790	ng		84
19) n-Nitroso-di-n-propylamine	8.81	70	52816	37.392	ng		96
20) 3+4-Methylphenols	8.78	107	87476	38.717	ng		99
22) Acetophenone	8.82	105	114869	39.320	ng	#	99
24) Nitrobenzene	9.20	77	75681	37.812	ng		99
25) Isophorone	9.73	82	150194	38.504	ng		99
26) 2-Nitrophenol	9.93	139	49084	39.133	ng		97
27) 2,4-Dimethylphenol	9.99	122	69584	40.273	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	93390	37.986	ng		98
29) 2,4-Dichlorophenol	10.47	162	95019	42.033	ng		95
30) 1,2,4-Trichlorobenzene	10.68	180	116786	42.090	ng		96
31) Naphthalene	10.87	128	252617	39.836	ng		99
32) Benzoic acid	10.14	122	37613m	33.060	ng		
33) 4-Chloroaniline	10.98	127	118274	40.403	ng		99
34) Hexachlorobutadiene	11.16	225	81078	43.479	ng		99
35) Caprolactam	11.75	113	29942	39.695	ng		98
36) 4-Chloro-3-methylphenol	12.11	107	89293	41.610	ng		100
37) 2-Methylnaphthalene	12.48	142	212387	41.711	ng		99
38) 1-Methylnaphthalene	12.69	142	201811	41.726	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	145980	40.611	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	71743	37.996	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	96018	39.519	ng		94
44) 2,4,5-Trichlorophenol	13.17	196	98121	38.970	ng		97
46) 1,1'-Biphenyl	13.49	154	284617	39.337	ng		98
47) 2-Chloronaphthalene	13.53	162	246144	39.453	ng		99
48) 2-Nitroaniline	13.73	65	57162	37.995	ng		96
49) Acenaphthylene	14.38	152	374053	39.852	ng		99
50) Dimethylphthalate	14.10	163	329792	40.834	ng		99
51) 2,6-Dinitrotoluene	14.23	165	76258	40.735	ng		95
52) Acenaphthene	14.72	154	223739	39.256	ng		99
53) 3-Nitroaniline	14.56	138	73610	39.317	ng		97
54) 2,4-Dinitrophenol	14.78	184	41753	36.758	ng		97
55) Dibenzofuran	15.06	168	389379	41.273	ng		99
56) 4-Nitrophenol	14.89	139	48287	36.296	ng		94
57) 2,4-Dinitrotoluene	15.02	165	111606	41.633	ng		98
58) Fluorene	15.71	166	319178	41.388	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	104226m	41.859	ng		
60) Diethylphthalate	15.47	149	324969	41.161	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	194075	41.747	ng		97
62) 4-Nitroaniline	15.73	138	81126	40.487	ng		93
63) Azobenzene	15.99	77	203846	37.680	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	61306	36.395	ng		97
66) n-Nitrosodiphenylamine	15.91	169	293878	39.774	ng		100
67) 4-Bromophenyl-phenylether	16.59	248	139658	40.981	ng		98
68) Hexachlorobenzene	16.72	284	151091	40.784	ng		99
69) Atrazine	16.86	200	113933	43.605	ng		98
70) Pentachlorophenol	17.07	266	65400	33.976	ng		98
71) Phenanthrene	17.45	178	548246	41.081	ng		99
72) Anthracene	17.54	178	545465	40.943	ng		99
73) Carbazole	17.81	167	478611	40.308	ng		100
74) Di-n-butylphthalate	18.36	149	567956	40.465	ng		100
75) Fluoranthene	19.46	202	703161	43.173	ng		97
77) Benzidine	19.64	184	445454	54.765	ng		98
78) Pyrene	19.83	202	698739	40.172	ng		99
80) Butylbenzylphthalate	20.70	149	263712	38.547	ng		97
81) Benzo(a)anthracene	21.67	228	715009	41.430	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	284336	40.965	ng		100
83) Chrysene	21.73	228	686220	41.229	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	370635	39.019	ng		98
85) Di-n-octyl phthalate	22.78	149	639276	39.130	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	898206	39.710	ng	#	91
88) Benzo(b)fluoranthene	23.90	252	766099m	40.818	ng		
89) Benzo(k)fluoranthene	23.96	252	756378	41.926	ng	#	98
90) Benzo(a)pyrene	24.77	252	733477	41.184	ng		98
91) Dibenzo(a,h)anthracene	28.69	278	729855	40.474	ng		98
92) Benzo(g,h,i)perylene	29.79	276	711357	39.442	ng		97

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

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