Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
Data File : BG043063.D
Acq On : 5 Oct 2019 19:59
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 06 23:55:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	83997	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	332586	20.00	ng		-0.01
39) Acenaphthene-d10	14.68	164	222031	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	496676	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	523400	20.00	ng		-0.02
87) Perylene-d12	24.91	264	623690	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	368464	78.28	ng		-0.01
7) Phenol-d6	7.24	99	527058	77.76	ng		0.00
23) Nitrobenzene-d5	9.23	82	511480	74.75	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	305440	80.00	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	1229915	80.30	ng		-0.02
79) Terphenyl-d14	20.03	244	2012922	81.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	67487	34.391	ng		90
3) Pyridine	3.95	79	204287	37.013	ng		91
4) n-Nitrosodimethylamine	3.86	42	91229	34.372	ng	#	85
6) Aniline	7.39	93	308978	37.764	ng		97
8) 2-Chlorophenol	7.64	128	194562	39.638	ng		98
9) Benzaldehyde	7.20	77	139370	33.650	ng		92
10) Phenol	7.26	94	240191	38.625	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	182360	37.901	ng		93
12) 1,3-Dichlorobenzene	7.95	146	245453	39.199	ng		99
13) 1,4-Dichlorobenzene	8.10	146	246175	39.438	ng		99
14) 1,2-Dichlorobenzene	8.42	146	236271	39.758	ng		95
15) Benzyl Alcohol	8.30	79	179840	35.291	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	282419	30.564	ng		97
17) 2-Methylphenol	8.51	107	168823	38.799	ng		95
18) Hexachloroethane	9.15	117	88961	37.842	ng		99
19) n-Nitroso-di-n-propylamine	8.87	70	161953	36.389	ng	#	89
20) 3+4-Methylphenols	8.84	107	231402	38.807	ng		95
22) Acetophenone	8.88	105	329133	38.392	ng	#	94
24) Nitrobenzene	9.26	77	241324	36.974	ng		99
25) Isophorone	9.79	82	442351	36.803	ng		98
26) 2-Nitrophenol	9.97	139	117241	42.197	ng		95
27) 2,4-Dimethylphenol	10.04	122	162027	37.973	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	255913	37.528	ng		99
29) 2,4-Dichlorophenol	10.51	162	210747	39.713	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	265758	38.780	ng		94
31) Naphthalene	10.91	128	625209	38.188	ng		99
32) Benzoic acid	10.20	122	131779	40.990	ng		98
33) 4-Chloroaniline	11.03	127	273216	38.458	ng		96
34) Hexachlorobutadiene	11.20	225	192549	37.525	ng		96
35) Caprolactam	11.81	113	68567	36.639	ng	#	80
36) 4-Chloro-3-methylphenol	12.15	107	215800	37.401	ng		94
37) 2-Methylnaphthalene	12.51	142	472454	37.827	ng		96
38) 1-Methylnaphthalene	12.73	142	444273	37.592	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	339309	40.645	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	223720	42.060	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	200937	41.123	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	203436	40.416	ng		96
46) 1,1'-Biphenyl	13.52	154	677657	40.247	ng		98
47) 2-Chloronaphthalene	13.56	162	510647	40.451	ng		99
48) 2-Nitroaniline	13.76	65	161360	38.437	ng	#	88
49) Acenaphthylene	14.40	152	761568	39.426	ng		99
50) Dimethylphthalate	14.14	163	638498	38.381	ng		99
51) 2,6-Dinitrotoluene	14.25	165	139814	39.465	ng		94
52) Acenaphthene	14.75	154	478954	37.043	ng		99
53) 3-Nitroaniline	14.59	138	141363	38.611	ng		93
54) 2,4-Dinitrophenol	14.79	184	79923	36.294	ng		94
55) Dibenzofuran	15.08	168	732570	38.301	ng		99
56) 4-Nitrophenol	14.90	139	103104	36.960	ng		92
57) 2,4-Dinitrotoluene	15.04	165	202516	39.035	ng		97
58) Fluorene	15.73	166	615502	37.693	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	202509	37.785	ng		98
60) Diethylphthalate	15.50	149	625600	36.951	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	368771	37.655	ng		98
62) 4-Nitroaniline	15.75	138	150192	37.613	ng		99
63) Azobenzene	16.01	77	535462	34.739	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	113143	40.257	ng		91
66) n-Nitrosodiphenylamine	15.93	169	542964	41.411	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	258693	41.499	ng		96
68) Hexachlorobenzene	16.74	284	290610	41.869	ng		96
69) Atrazine	16.88	200	195787	35.461	ng		97
70) Pentachlorophenol	17.08	266	164894	41.172	ng		98
71) Phenanthrene	17.46	178	952687	39.289	ng		98
72) Anthracene	17.56	178	951920	39.324	ng		99
73) Carbazole	17.82	167	881627	39.275	ng		99
74) Di-n-butylphthalate	18.38	149	1036334	38.694	ng		99
75) Fluoranthene	19.47	202	1221585	38.089	ng		99
77) Benzidine	19.65	184	425983	32.504	ng		99
78) Pyrene	19.83	202	1233450	39.483	ng		99
80) Butylbenzylphthalate	20.72	149	488037	41.157	ng		95
81) Benzo(a)anthracene	21.68	228	1303932	39.982	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	536223	41.922	ng		100
83) Chrysene	21.74	228	1251572	39.546	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	694730	41.174	ng		98
85) Di-n-octyl phthalate	22.79	149	1166163	42.266	ng		96
86) Indeno(1,2,3-cd)pyrene	28.59	276	1649596	41.869	ng		99
88) Benzo(b)fluoranthene	23.89	252	1397906	39.612	ng		98
89) Benzo(k)fluoranthene	23.96	252	1343406	38.480	ng		99
90) Benzo(a)pyrene	24.76	252	1305711	39.217	ng		99
91) Dibenzo(a,h)anthracene	28.65	278	1375946	40.302	ng		98
92) Benzo(g,h,i)perylene	29.73	276	1323019	39.995	ng		99

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

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