Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040922.D
Acq On : 13 May 2019 21:57
Operator : HP/JU
Sample : IDOC-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-02

Quant Time: May 14 01:50:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	135267	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	604579	20.00	ng		-0.03
39) Acenaphthene-d10	14.76	164	443024	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	1090114	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	1078288	20.00	ng		-0.03
87) Perylene-d12	25.14	264	1192228	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	984891	128.35	ng		-0.02
7) Phenol-d6	7.28	99	1413014	119.59	ng		-0.01
23) Nitrobenzene-d5	9.31	82	861676	65.86	ng		-0.03
42) 2,4,6-Tribromophenol	16.26	330	810614	133.12	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	1894130	61.75	ng		-0.03
79) Terphenyl-d14	20.10	244	2909996	59.79	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	37106	10.633	ng		90
3) Pyridine	3.93	79	104804	10.361	ng		94
4) n-Nitrosodimethylamine	3.85	42	58859	10.491	ng		90
6) Aniline	7.45	93	135900	8.678	ng		98
8) 2-Chlorophenol	7.70	128	133403	14.238	ng		95
9) Benzaldehyde	7.27	77	65703	4.861	ng		94
10) Phenol	7.31	94	179340	14.121	ng		93
11) bis(2-Chloroethyl)ether	7.55	93	118936	12.488	ng		95
12) 1,3-Dichlorobenzene	8.01	146	132961	13.001	ng		98
13) 1,4-Dichlorobenzene	8.17	146	136745	13.190	ng		97
14) 1,2-Dichlorobenzene	8.49	146	131542	13.157	ng		97
15) Benzyl Alcohol	8.37	79	148934	12.115	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	188188	9.925	ng		96
17) 2-Methylphenol	8.56	107	125190	13.928	ng		88
18) Hexachloroethane	9.22	117	52631	12.376	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	119271	11.214	ng		90
20) 3+4-Methylphenols	8.89	107	178616	14.265	ng		99
22) Acetophenone	8.96	105	215830	12.838	ng	#	93
24) Nitrobenzene	9.35	77	178735	12.803	ng		94
25) Isophorone	9.86	82	341479	11.716	ng		99
26) 2-Nitrophenol	10.06	139	79432	15.873	ng		98
27) 2,4-Dimethylphenol	10.10	122	146002	15.550	ng		96
28) bis(2-Chloroethoxy)methane	10.34	93	178008	12.173	ng		98
29) 2,4-Dichlorophenol	10.59	162	162412	15.215	ng		94
30) 1,2,4-Trichlorobenzene	10.81	180	171782	14.512	ng		97
31) Naphthalene	11.00	128	419621	13.064	ng		100
32) Benzoic acid	10.23	122	92833	14.443	ng		98
33) 4-Chloroaniline	11.11	127	107075	7.519	ng		95
34) Hexachlorobutadiene	11.27	225	127039	14.537	ng		96
35) Caprolactam	11.90	113	51596	12.243	ng	#	74
36) 4-Chloro-3-methylphenol	12.21	107	183901	13.657	ng		99
37) 2-Methylnaphthalene	12.60	142	327909	13.654	ng		99
38) 1-Methylnaphthalene	12.82	142	308627	13.148	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	234700	14.221	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	280559	28.809	ng		100
43) 2,4,6-Trichlorophenol	13.19	196	157849	15.827	ng		97
44) 2,4,5-Trichlorophenol	13.26	196	175556	16.159	ng		94
46) 1,1'-Biphenyl	13.59	154	441933	12.848	ng		95
47) 2-Chloronaphthalene	13.65	162	359449	13.353	ng		97
48) 2-Nitroaniline	13.85	65	132854	13.865	ng		90
49) Acenaphthylene	14.49	152	564590	12.362	ng		100
50) Dimethylphthalate	14.21	163	500903	13.513	ng		98
51) 2,6-Dinitrotoluene	14.34	165	109847	15.184	ng		84
52) Acenaphthene	14.83	154	325246	12.229	ng		96
53) 3-Nitroaniline	14.67	138	80639	10.879	ng		87
54) 2,4-Dinitrophenol	14.87	184	102069	29.837	ng		88
55) Dibenzofuran	15.16	168	576520	13.234	ng		98
56) 4-Nitrophenol	14.96	139	174799	27.196	ng		89
57) 2,4-Dinitrotoluene	15.12	165	161258	16.404	ng	#	85
58) Fluorene	15.80	166	461588	13.109	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.37	232	176269	16.119	ng		94
60) Diethylphthalate	15.56	149	512148	13.095	ng		98
61) 4-Chlorophenyl-phenylether	15.79	204	290593	14.190	ng		94
62) 4-Nitroaniline	15.83	138	108012	13.027	ng		88
63) Azobenzene	16.09	77	459425	11.407	ng		95
65) 4,6-Dinitro-2-methylphenol	15.88	198	81708	20.063	ng		85
66) n-Nitrosodiphenylamine	16.01	169	433931	13.530	ng		98
67) 4-Bromophenyl-phenylether	16.68	248	197646	14.553	ng		88
68) Hexachlorobenzene	16.80	284	205160	14.609	ng		95
69) Atrazine	16.95	200	180179	14.180	ng		99
70) Pentachlorophenol	17.14	266	256477	31.211	ng		97
71) Phenanthrene	17.55	178	783146	13.338	ng		99
72) Anthracene	17.64	178	824410	13.968	ng		99
73) Carbazole	17.91	167	704981	13.111	ng		98
74) Di-n-butylphthalate	18.44	149	874540	13.475	ng		98
75) Fluoranthene	19.55	202	1028113	14.051	ng		99
77) Benzidine	19.73	184	298516	10.111	ng		100
78) Pyrene	19.91	202	1023594	15.146	ng		99
80) Butylbenzylphthalate	20.77	149	393929	14.955	ng		96
81) Benzo(a)anthracene	21.77	228	1010406	14.827	ng		98
82) 3,3'-Dichlorobenzidine	21.68	252	267954	11.031	ng		96
83) Chrysene	21.84	228	976969	15.074	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	551817	14.513	ng		95
85) Di-n-octyl phthalate	22.88	149	947009	14.789	ng		95
86) Indeno(1,2,3-cd)pyrene	28.98	276	1197562	15.283	ng	#	90
88) Benzo(b)fluoranthene	24.06	252	999674	13.721	ng	#	95
89) Benzo(k)fluoranthene	24.13	252	1000745	14.708	ng	#	98
90) Benzo(a)pyrene	24.97	252	995277	14.432	ng		99
91) Dibenzo(a,h)anthracene	29.05	278	988768	14.168	ng		97
92) Benzo(g,h,i)perylene	30.19	276	1003539	14.448	ng		96

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

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