Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
Data File : BG044598.D
Acq On : 26 Feb 2020 11:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 27 06:39:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	71329	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	309709	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	209041	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	464267	20.00	ng	0.00
76) Chrysene-d12	21.50	240	432061	20.00	ng	0.00
87) Perylene-d12	24.57	264	499183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	324833	73.07	ng	0.00
7) Phenol-d6	7.05	99	480560	78.97	ng	0.00
23) Nitrobenzene-d5	9.03	82	451008	75.02	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	223161	75.29	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	1054445	72.23	ng	0.00
79) Terphenyl-d14	19.88	244	1666430	73.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	65539	33.784	ng	99
3) Pyridine	3.72	79	197753	36.533	ng	98
4) n-Nitrosodimethylamine	3.64	42	79594	38.715	ng	92
6) Aniline	7.20	93	296436	40.011	ng	97
8) 2-Chlorophenol	7.44	128	188946	38.934	ng	97
9) Benzaldehyde	7.01	77	127723	35.694	ng	99
10) Phenol	7.07	94	231602	39.274	ng	99
11) bis(2-Chloroethyl)ether	7.29	93	193367	39.005	ng	97
12) 1,3-Dichlorobenzene	7.76	146	220599	38.112	ng	99
13) 1,4-Dichlorobenzene	7.91	146	221934	38.152	ng	99
14) 1,2-Dichlorobenzene	8.23	146	211967	38.317	ng	99
15) Benzyl Alcohol	8.11	79	168998	41.179	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	264946	39.766	ng	99
17) 2-Methylphenol	8.33	107	166066	39.419	ng	96
18) Hexachloroethane	8.95	117	81877	38.514	ng	96
19) n-Nitroso-di-n-propylamine	8.68	70	158240	40.455	ng	99
20) 3+4-Methylphenols	8.65	107	234125	40.592	ng	98
22) Acetophenone	8.70	105	296745	38.163	ng	99
24) Nitrobenzene	9.07	77	216058	37.097	ng	97
25) Isophorone	9.60	82	424222	37.722	ng	99
26) 2-Nitrophenol	9.79	139	120000	37.991	ng	100
27) 2,4-Dimethylphenol	9.85	122	166330	37.504	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	278057	37.388	ng	99
29) 2,4-Dichlorophenol	10.33	162	198941	37.520	ng	96
30) 1,2,4-Trichlorobenzene	10.54	180	226352	36.913	ng	99
31) Naphthalene	10.72	128	631613	37.374	ng	100
32) Benzoic acid	10.03	122	62899	42.565	ng	96
33) 4-Chloroaniline	10.83	127	290854	39.075	ng	99
34) Hexachlorobutadiene	11.02	225	140431	36.467	ng	99
35) Caprolactam	11.61	113	77569	40.866	ng	95
36) 4-Chloro-3-methylphenol	11.97	107	213732	39.160	ng	96
37) 2-Methylnaphthalene	12.33	142	473615	37.920	ng	99
38) 1-Methylnaphthalene	12.56	142	445375	37.528	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	255003	36.235	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	101124	35.504	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	169204	37.030	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	175032	37.289	ng	96
46) 1,1'-Biphenyl	13.35	154	627336	36.264	ng	98
47) 2-Chloronaphthalene	13.39	162	492850	36.332	ng	99
48) 2-Nitroaniline	13.59	65	144692	38.425	ng	97
49) Acenaphthylene	14.24	152	741867	37.049	ng	100
50) Dimethylphthalate	13.97	163	640190	37.943	ng	99
51) 2,6-Dinitrotoluene	14.09	165	140050	37.637	ng	97
52) Acenaphthene	14.58	154	466749	36.567	ng	99
53) 3-Nitroaniline	14.42	138	155369	38.715	ng	97
54) 2,4-Dinitrophenol	14.63	184	73775	38.748	ng	97
55) Dibenzofuran	14.91	168	727248	37.164	ng	98
56) 4-Nitrophenol	14.75	139	112116	40.614	ng	98
57) 2,4-Dinitrotoluene	14.88	165	200082	38.245	ng	99
58) Fluorene	15.56	166	577875	37.245	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	162972	37.703	ng	100
60) Diethylphthalate	15.33	149	638315	38.182	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	311968	36.980	ng	98
62) 4-Nitroaniline	15.59	138	163265	40.629	ng	98
63) Azobenzene	15.85	77	542243	38.112	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	113083	39.337	ng	95
66) n-Nitrosodiphenylamine	15.78	169	536617	37.054	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	213324	37.017	ng	99
68) Hexachlorobenzene	16.57	284	240401	36.897	ng	99
69) Atrazine	16.72	200	188619	35.231	ng	100
70) Pentachlorophenol	16.92	266	113866	39.742	ng	97
71) Phenanthrene	17.30	178	958329	37.284	ng	99
72) Anthracene	17.39	178	953752	37.653	ng	98
73) Carbazole	17.66	167	882875	38.292	ng	100
74) Di-n-butylphthalate	18.23	149	1120029	38.766	ng	98
75) Fluoranthene	19.31	202	1152449	37.875	ng	99
77) Benzidine	19.49	184	496030	33.515	ng	99
78) Pyrene	19.68	202	1160727	37.009	ng	98
80) Butylbenzylphthalate	20.56	149	517997	37.758	ng	97
81) Benzo(a)anthracene	21.49	228	1118918	36.847	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	450917	37.587	ng	97
83) Chrysene	21.55	228	1076993	36.682	ng	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	707481	37.426	ng	98
85) Di-n-octyl phthalate	22.56	149	1266355	38.076	ng	99
86) Indeno(1,2,3-cd)pyrene	28.04	276	1411789	37.468	ng	100
88) Benzo(b)fluoranthene	23.60	252	1203834	36.679	ng	99
89) Benzo(k)fluoranthene	23.67	252	1204247	37.816	ng	99
90) Benzo(a)pyrene	24.42	252	1147199	37.203	ng	99
91) Dibenzo(a,h)anthracene	28.10	278	1143458	37.494	ng	99
92) Benzo(g,h,i)perylene	29.13	276	1137624	37.232	ng	99

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

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