Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013020\
Data File : BG044245.D
Acq On : 30 Jan 2020 11:55
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Jan 30 15:25:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 15:17:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	103975	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	441092	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	281029	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	584020	20.00	ng	0.00
76) Chrysene-d12	21.54	240	509308	20.00	ng	0.00
87) Perylene-d12	24.64	264	591551	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	487257	80.53	ng	0.00
7) Phenol-d6	7.09	99	655524	79.79	ng	0.00
23) Nitrobenzene-d5	9.07	82	625721	78.42	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	259309	75.94	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1356587	79.62	ng	0.00
79) Terphenyl-d14	19.92	244	1877968	82.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	109609	40.356	ng	100
3) Pyridine	3.78	79	317473	44.112	ng	100
4) n-Nitrosodimethylamine	3.70	42	119516	38.926	ng	100
6) Aniline	7.24	93	410668	39.939	ng	100
8) 2-Chlorophenol	7.48	128	269776	39.629	ng	100
9) Benzaldehyde	7.05	77	177124	45.629	ng	100
10) Phenol	7.11	94	325625	39.044	ng	100
11) bis(2-Chloroethyl)ether	7.34	93	276115	39.079	ng	100
12) 1,3-Dichlorobenzene	7.81	146	315198	39.188	ng	100
13) 1,4-Dichlorobenzene	7.95	146	316085	39.756	ng	100
14) 1,2-Dichlorobenzene	8.27	146	299836	39.496	ng	100
15) Benzyl Alcohol	8.15	79	234505	38.848	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.45	45	375708	39.061	ng	100
17) 2-Methylphenol	8.37	107	231177	38.900	ng	100
18) Hexachloroethane	9.00	117	116948	38.889	ng	100
19) n-Nitroso-di-n-propylamine	8.72	70	219013	38.610	ng	100
20) 3+4-Methylphenols	8.69	107	323302	39.186	ng	100
22) Acetophenone	8.74	105	428851	38.499	ng	100
24) Nitrobenzene	9.11	77	301809	37.750	ng	100
25) Isophorone	9.64	82	580497	37.548	ng	100
26) 2-Nitrophenol	9.83	139	160853	38.171	ng	100
27) 2,4-Dimethylphenol	9.89	122	224551	38.276	ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	391033	38.173	ng	100
29) 2,4-Dichlorophenol	10.36	162	270548	37.997	ng	100
30) 1,2,4-Trichlorobenzene	10.58	180	308241	38.088	ng	100
31) Naphthalene	10.77	128	853231	38.408	ng	100
32) Benzoic acid	10.06	122	117119	32.938	ng	100
33) 4-Chloroaniline	10.87	127	387006	37.355	ng	100
34) Hexachlorobutadiene	11.06	225	191479	38.576	ng	100
35) Caprolactam	11.64	113	97658	36.939	ng	100
36) 4-Chloro-3-methylphenol	12.00	107	279694	37.182	ng	100
37) 2-Methylnaphthalene	12.38	142	631978	37.998	ng	100
38) 1-Methylnaphthalene	12.60	142	597926	37.769	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	338683	38.790	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	167732	39.090	ng	100
43) 2,4,6-Trichlorophenol	12.99	196	219544	38.717	ng	100
44) 2,4,5-Trichlorophenol	13.06	196	225099	38.892	ng	100
46) 1,1'-Biphenyl	13.39	154	810452	38.556	ng	100
47) 2-Chloronaphthalene	13.43	162	639906	37.810	ng	100
48) 2-Nitroaniline	13.62	65	188519	37.125	ng	100
49) Acenaphthylene	14.28	152	945676	38.206	ng	100
50) Dimethylphthalate	14.01	163	800108	37.826	ng	100
51) 2,6-Dinitrotoluene	14.12	165	176297	37.041	ng	100
52) Acenaphthene	14.62	154	606099	37.823	ng	100
53) 3-Nitroaniline	14.45	138	197192	37.287	ng	100
54) 2,4-Dinitrophenol	14.66	184	92294	38.234	ng	100
55) Dibenzofuran	14.95	168	924333	38.305	ng	100
56) 4-Nitrophenol	14.77	139	147108	37.684	ng	100
57) 2,4-Dinitrotoluene	14.91	165	246630	37.008	ng	100
58) Fluorene	15.60	166	722681	37.875	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	199764	39.401	ng	100
60) Diethylphthalate	15.38	149	793026	37.476	ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	392932	37.878	ng	100
62) 4-Nitroaniline	15.62	138	192695	36.471	ng	100
63) Azobenzene	15.89	77	698475	37.828	ng	100
65) 4,6-Dinitro-2-methylphenol	15.68	198	132265	37.949	ng	100
66) n-Nitrosodiphenylamine	15.81	169	662508	38.632	ng	100
67) 4-Bromophenyl-phenylether	16.49	248	256985	38.526	ng	100
68) Hexachlorobenzene	16.62	284	286163	38.291	ng	100
69) Atrazine	16.76	200	231172	58.676	ng	100
70) Pentachlorophenol	16.96	266	141111	43.296	ng	100
71) Phenanthrene	17.34	178	1140241	39.008	ng	100
72) Anthracene	17.43	178	1125172	38.955	ng	100
73) Carbazole	17.70	167	1041875	38.790	ng	100
74) Di-n-butylphthalate	18.27	149	1314606	39.564	ng	100
75) Fluoranthene	19.35	202	1332931	39.421	ng	100
77) Benzidine	19.53	184	641554	54.726	ng	100
78) Pyrene	19.71	202	1333466	39.497	ng	100
80) Butylbenzylphthalate	20.60	149	611883	39.040	ng	100
81) Benzo(a)anthracene	21.53	228	1272852	38.781	ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	509974	40.447	ng	100
83) Chrysene	21.59	228	1237007	39.252	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	840439	39.060	ng	100
85) Di-n-octyl phthalate	22.62	149	1462866	39.310	ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1575614	37.719	ng	100
88) Benzo(b)fluoranthene	23.67	252	1366149	38.108	ng	100
89) Benzo(k)fluoranthene	23.73	252	1354866	39.462	ng	100
90) Benzo(a)pyrene	24.50	252	1305010	38.721	ng	100
91) Dibenzo(a,h)anthracene	28.21	278	1272841	37.860	ng	100
92) Benzo(g,h,i)perylene	29.25	276	1273155	37.819	ng	100

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

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