Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
Data File : BG048092.D
Acq On : 3 Feb 2021 15:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 03 16:37:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.114	152	52360	20.00	ng		0.00
21) Naphthalene-d8	10.929	136	205300	20.00	ng		0.00
39) Acenaphthene-d10	14.742	164	153352	20.00	ng		0.00
64) Phenanthrene-d10	17.480	188	359692	20.00	ng	#	0.00
76) Chrysene-d12	21.757	240	352673	20.00	ng	#	0.00
86) Perylene-d12	25.036	264	364556	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.670	112	232134	68.13	ng		0.00
7) Phenol-d6	7.262	99	355139	68.56	ng		0.00
23) Nitrobenzene-d5	9.278	82	368699	71.06	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	175477	68.70	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	825717	69.62	ng		0.00
79) Terphenyl-d14	20.083	244	1381398	67.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.561	88	51715	34.05	ng	#	93
3) Pyridine	3.960	79	159114	34.90	ng		91
4) n-Nitrosodimethylamine	3.866	42	73462	34.87	ng	#	74
6) Aniline	7.438	93	209941	33.55	ng		93
8) 2-Chlorophenol	7.679	128	121289	34.01	ng		90
9) Benzaldehyde	7.250	77	95784	36.05	ng		89
10) Phenol	7.292	94	166054	33.44	ng		77
11) bis(2-Chloroethyl)ether	7.527	93	132759	34.14	ng		94
12) 1,3-Dichlorobenzene	8.008	146	150788	35.03	ng	#	91
13) 1,4-Dichlorobenzene	8.155	146	148939	34.52	ng		94
14) 1,2-Dichlorobenzene	8.473	146	143573	34.86	ng		95
15) Benzyl Alcohol	8.349	79	149102	34.02	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.643	45	178044	32.62	ng		95
17) 2-Methylphenol	8.549	107	112321	33.47	ng	#	86
18) Hexachloroethane	9.207	117	57913	34.40	ng		89
19) n-Nitroso-di-n-propyla...	8.919	70	127226	33.65	ng		95
20) 3+4-Methylphenols	8.878	107	153973	33.16	ng		87
22) Acetophenone	8.937	105	222237	35.13	ng		95
24) Nitrobenzene	9.325	77	181626	34.95	ng	#	87
25) Isophorone	9.847	82	320284	34.40	ng	#	93
26) 2-Nitrophenol	10.035	139	77111	36.06	ng	#	70
27) 2,4-Dimethylphenol	10.088	122	102516	33.00	ng	#	85
28) bis(2-Chloroethoxy)met...	10.323	93	189658	33.85	ng		97
29) 2,4-Dichlorophenol	10.570	162	140574	35.17	ng		93
30) 1,2,4-Trichlorobenzene	10.788	180	172367	35.67	ng		93
31) Naphthalene	10.981	128	404799	34.10	ng		99
32) Benzoic acid	10.218	122	99233	35.67	ng	#	80
33) 4-Chloroaniline	11.081	127	183167	33.76	ng	#	93
34) Hexachlorobutadiene	11.269	225	126379	36.82	ng		99
35) Caprolactam	11.857	113	48459	31.85	ng		97
36) 4-Chloro-3-methylphenol	12.192	107	150360	33.52	ng		86
37) 2-Methylnaphthalene	12.580	142	308070	34.36	ng	#	92
38) 1-Methylnaphthalene	12.797	142	292204	34.16	ng		99
40) 1,2,4,5-Tetrachloroben...	12.938	216	209049	35.76	ng		98
41) Hexachlorocyclopentadiene	12.920	237	125799	37.99	ng		96
43) 2,4,6-Trichlorophenol	13.173	196	142586	34.97	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.243	196	149244	35.32	ng	#	92
46) 1,1'-Biphenyl	13.578	154	410388	34.62	ng		98
47) 2-Chloronaphthalene	13.619	162	351722	34.09	ng		98
48) 2-Nitroaniline	13.813	65	127471	34.04	ng	#	80
49) Acenaphthylene	14.466	152	505991	33.23	ng		98
50) Dimethylphthalate	14.189	163	463014	33.36	ng		97
51) 2,6-Dinitrotoluene	14.307	165	98187	34.03	ng	#	71
52) Acenaphthene	14.806	154	353602	34.30	ng		99
53) 3-Nitroaniline	14.636	138	104167	32.91	ng		84
54) 2,4-Dinitrophenol	14.836	184	69220	38.37	ng	#	81
55) Dibenzofuran	15.135	168	522604	33.43	ng		96
56) 4-Nitrophenol	14.930	139	79252	32.09	ng	#	49
57) 2,4-Dinitrotoluene	15.088	165	141288	33.91	ng	#	74
58) Fluorene	15.788	166	413867	32.92	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.359	232	145155	34.35	ng	#	96
60) Diethylphthalate	15.553	149	460771	32.29	ng		96
61) 4-Chlorophenyl-phenyle...	15.776	204	258545	33.59	ng		97
62) 4-Nitroaniline	15.799	138	106814	30.98	ng	#	62
63) Azobenzene	16.070	77	426145	31.72	ng		91
65) 4,6-Dinitro-2-methylph...	15.852	198	88291	38.03	ng		91
66) n-Nitrosodiphenylamine	15.987	169	379088	35.07	ng		99
67) 4-Bromophenyl-phenylether	16.669	248	175242	36.46	ng		96
68) Hexachlorobenzene	16.786	284	184092	35.22	ng	#	91
69) Atrazine	16.933	200	143813	35.03	ng		99
70) Pentachlorophenol	17.127	266	115015	36.24	ng		99
71) Phenanthrene	17.527	178	713092	34.36	ng		97
72) Anthracene	17.615	178	685026	33.56	ng		97
73) Carbazole	17.879	167	626684	32.90	ng		97
74) Di-n-butylphthalate	18.437	149	751708	32.32	ng	#	98
75) Fluoranthene	19.530	202	898541	33.02	ng		96
77) Benzidine	19.706	184	330399	32.48	ng		96
78) Pyrene	19.889	202	888113	34.39	ng		98
80) Butylbenzylphthalate	20.770	149	329614	33.41	ng		92
81) Benzo(a)anthracene	21.739	228	883130	34.46	ng		98
82) 3,3'-Dichlorobenzidine	21.651	252	303366	35.12	ng	#	99
83) Chrysene	21.804	228	837532	34.39	ng		99
84) Bis(2-ethylhexyl)phtha...	21.640	149	457615	33.87	ng		97
85) Di-n-octyl phthalate	22.873	149	788497	34.89	ng		97
87) Indeno(1,2,3-cd)pyrene	28.778	276	1021142	34.82	ng	#	89
88) Benzo(b)fluoranthene	23.996	252	900661	34.76	ng	#	96
89) Benzo(k)fluoranthene	24.066	252	852097	33.84	ng	#	97
90) Benzo(a)pyrene	24.883	252	846300	34.78	ng	#	98
91) Dibenzo(a,h)anthracene	28.843	278	834215	34.47	ng	#	96
92) Benzo(g,h,i)perylene	29.953	276	813668	34.91	ng	#	94

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

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