Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051086.D
Acq On : 17 Nov 2021 9:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 17 11:16:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.229	152	34654	20.000	ng		0.00
21) Naphthalene-d8	11.061	136	148979	20.000	ng	#	0.00
39) Acenaphthene-d10	14.862	164	100601	20.000	ng		0.00
64) Phenanthrene-d10	17.606	188	208260	20.000	ng	#	0.00
76) Chrysene-d12	21.907	240	163215	20.000	ng	#	0.00
86) Perylene-d12	25.321	264	167092	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.761	112	173992	75.107	ng		0.00
7) Phenol-d6	7.377	99	255023	77.994	ng		0.00
23) Nitrobenzene-d5	9.410	82	266371	79.148	ng		0.00
42) 2,4,6-Tribromophenol	16.349	330	84507	83.941	ng		0.00
45) 2-Fluorobiphenyl	13.482	172	541012	84.971	ng		0.00
79) Terphenyl-d14	20.191	244	729509	81.784	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.611	88	34515	33.626	ng		96
3) Pyridine	4.028	79	107869	35.072	ng	#	90
4) n-Nitrosodimethylamine	3.940	42	48251	35.368	ng	#	38
6) Aniline	7.547	93	150116	38.548	ng		95
8) 2-Chlorophenol	7.788	128	94042	39.523	ng		95
9) Benzaldehyde	7.365	77	84372	35.859	ng		92
10) Phenol	7.406	94	129607	38.596	ng		84
11) bis(2-Chloroethyl)ether	7.635	93	98604	38.108	ng		90
12) 1,3-Dichlorobenzene	8.117	146	101327	39.099	ng		95
13) 1,4-Dichlorobenzene	8.264	146	101084	38.753	ng		97
14) 1,2-Dichlorobenzene	8.587	146	99110	39.122	ng		94
15) Benzyl Alcohol	8.470	79	103641	40.299	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.752	45	142761	34.419	ng		88
17) 2-Methylphenol	8.670	107	88547	39.602	ng	#	90
18) Hexachloroethane	9.316	117	38563	38.947	ng		98
19) n-Nitroso-di-n-propyla...	9.034	70	92137	38.131	ng	#	89
20) 3+4-Methylphenols	8.999	107	126281	40.024	ng		93
22) Acetophenone	9.057	105	162837	39.326	ng	#	93
24) Nitrobenzene	9.451	77	128045	38.591	ng	#	90
25) Isophorone	9.968	82	237144	38.985	ng	#	96
26) 2-Nitrophenol	10.162	139	59326	42.070	ng	#	87
27) 2,4-Dimethylphenol	10.209	122	89068	41.437	ng		95
28) bis(2-Chloroethoxy)met...	10.444	93	138916	38.419	ng	#	92
29) 2,4-Dichlorophenol	10.702	162	96675	42.066	ng		96
30) 1,2,4-Trichlorobenzene	10.914	180	108099	41.986	ng		94
31) Naphthalene	11.108	128	316897	39.614	ng		99
32) Benzoic acid	10.368	122	66111	39.908	ng	#	79
33) 4-Chloroaniline	11.214	127	136255	40.314	ng		95
34) Hexachlorobutadiene	11.372	225	67158	42.868	ng		96
35) Caprolactam	12.007	113	23277	37.251	ng	#	76
36) 4-Chloro-3-methylphenol	12.324	107	116065	40.479	ng	#	92
37) 2-Methylnaphthalene	12.700	142	223005	41.024	ng		93
38) 1-Methylnaphthalene	12.918	142	214221	40.326	ng		94
40) 1,2,4,5-Tetrachloroben...	13.064	216	126813	43.270	ng		97
41) Hexachlorocyclopentadiene	13.029	237	40073	40.151	ng		97
43) 2,4,6-Trichlorophenol	13.299	196	88184	42.173	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.376	196	94067	42.182	ng		93
46) 1,1'-Biphenyl	13.693	154	295795	40.265	ng		97
47) 2-Chloronaphthalene	13.746	162	232830	40.422	ng		99
48) 2-Nitroaniline	13.946	65	84328	38.231	ng		85
49) Acenaphthylene	14.586	152	363007	38.967	ng		97
50) Dimethylphthalate	14.304	163	303304	38.318	ng		98
51) 2,6-Dinitrotoluene	14.433	165	64879	39.826	ng	#	79
52) Acenaphthene	14.921	154	213160	39.270	ng		92
53) 3-Nitroaniline	14.768	138	71572	37.592	ng		95
54) 2,4-Dinitrophenol	14.980	184	36620	41.106	ng	#	80
55) Dibenzofuran	15.256	168	359884	38.980	ng		96
56) 4-Nitrophenol	15.074	139	52530	36.065	ng	#	71
57) 2,4-Dinitrotoluene	15.221	165	90257	39.049	ng	#	89
58) Fluorene	15.902	166	282405	39.186	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.479	232	78927	41.556	ng		99
60) Diethylphthalate	15.650	149	311989	37.563	ng		97
61) 4-Chlorophenyl-phenyle...	15.885	204	156646	40.241	ng		96
62) 4-Nitroaniline	15.926	138	72063	36.413	ng	#	61
63) Azobenzene	16.178	77	321988	36.582	ng		82
65) 4,6-Dinitro-2-methylph...	15.990	198	56535	43.879	ng		88
66) n-Nitrosodiphenylamine	16.102	169	253332	42.356	ng		98
67) 4-Bromophenyl-phenylether	16.784	248	96951	44.443	ng		92
68) Hexachlorobenzene	16.907	284	94978	44.232	ng		95
69) Atrazine	17.042	200	60932	40.975	ng		97
70) Pentachlorophenol	17.254	266	52879	43.395	ng		99
71) Phenanthrene	17.647	178	449796	40.490	ng		98
72) Anthracene	17.741	178	445352	40.310	ng		98
73) Carbazole	18.012	167	423469	38.703	ng		98
74) Di-n-butylphthalate	18.534	149	497676	38.390	ng	#	96
75) Fluoranthene	19.651	202	492572	36.142	ng		95
77) Benzidine	19.821	184	111561	36.161	ng		98
78) Pyrene	20.009	202	487390	39.805	ng		97
80) Butylbenzylphthalate	20.867	149	198875	37.787	ng		98
81) Benzo(a)anthracene	21.889	228	447670	39.945	ng		99
82) 3,3'-Dichlorobenzidine	21.789	252	195790	38.199	ng	#	97
83) Chrysene	21.960	228	422541	39.967	ng		96
84) Bis(2-ethylhexyl)phtha...	21.748	149	279549	37.721	ng		98
85) Di-n-octyl phthalate	23.017	149	465367	37.304	ng		99
87) Indeno(1,2,3-cd)pyrene	29.269	276	488077	41.153	ng	#	90
88) Benzo(b)fluoranthene	24.234	252	414970	39.454	ng	#	95
89) Benzo(k)fluoranthene	24.304	252	414111	39.477	ng	#	96
90) Benzo(a)pyrene	25.162	252	353799	39.402	ng	#	95
91) Dibenzo(a,h)anthracene	29.334	278	398114	40.771	ng	#	92
92) Benzo(g,h,i)perylene	30.515	276	396875	41.300	ng	#	91

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

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